

AUG 18 1993

A2621 (WR-RH)

Memorandum

To: Regional Director, Western Region  
From: Superintendent, Yosemite  
Subject: Superintendent's Annual Report

Enclosed is Yosemite's Annual Report for 1992.

(cc) Jerry Belson

Michael V. Finley

Enclosure

bcc: L. Dapprich, Pub. Aff. Officer w/enc.  
Research Library w/enc. ✓  
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LTDapprich:ltd 8/18/93

**SUPERINTENDENT'S  
ANNUAL REPORT  
YOSEMITE NATIONAL PARK  
1992**

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**HIGHLIGHTS**

***January***

- o January 10 - Leroy Rust, retired Yosemite Postmaster and a long-time community member, died of cancer.
- o The draft Concession Services Plan came out for public review. Public meetings were held in Los Angeles, San Francisco, Fresno, and Yosemite.
- o A new Assistant Superintendent (Jerry Belson), Chief Ranger (Bob Andrew), and Chief of Concessions Management (Marty Nielsen) were hired.
- o "Visitors, Alternative Futures, and Recreational Displacement at Yosemite National Park" study was released.

***February***

- o Congressman Richard Lehman's (D 18) Yosemite Centennial Medal was minted.
- o Ostrander Ski Hut was closed due to a reported case of Relapsing Fever.
- o February 18-19 - National Park Service Deputy Director Herb Cables visited the park to make the key note address for Black History Month.
- o February 18 - A rockslide on the Middle Brother closed Northside Drive.

- o February 24 - Northside Drive was reopened.

***March***

- o March 6 - Ostrander Ski Hut reopened.
- o An amoeba, which if ingested could be fatal, was found where Yosemite Creek flows into the Merced River.
- o March 3 - Tenaya Lake Campground was permanently closed due to impacts on sensitive wetlands.
- o March 3 - Over 4,000 public comments were received on the Draft Concession Services Plan.
- o March 9 - The American Forestry Association recognized a sugar pine tree from Hodgdon Meadow as the largest reported sugar pine in the United States and placed it on the National Register of Big Trees.
- o March 18 - The Yosemite Centennial Medal went on sale nationwide. Congressman Richard Lehman purchased the first medal in Washington, D.C.
- o March 30 - The Yosemite Fund announced a plan to introduce legislation into the California legislature to establish a Yosemite License Plate program to generate funds for the park and the State of California.

## *April*

- o April 11 - Adam Guida, 18, slipped into the Merced River near the Vernal Fall footbridge and drowned.
- o April 9-13 - A design team funded by the Lef Foundation studied a redesign of the Lower Yosemite Fall area.
- o April 13 - Maintenance crews began plowing the Tioga and Glacier Point roads.
- o April 23 - Long-time Yosemite resident and former Executive Director of the Yosemite Association Henry Berrey died.
- o April 27 - Mono County started plowing the Tioga Road from the east to Tuolumne Meadows at no cost to the National Park Service.
- o April 30 - Anthony Brucia, 19, of Merced died from a scrambling accident.

## *May*

- o May 3-5 - The National Park Foundation Board (32 members total) visited the park.
- o May 3 - Victor Ibsen, 31, of Redwood City, died in a fire in a one-car accident on Highway 120 near the San Joaquin overlook.
- o May 8 - The Glacier Point Road opened for the season.
- o May 15 - The Tioga Road opened for the season.
- o May 21 - The decision was made by Director Ridenour with Senator John

Seymour to grant Foresta resident George Lange an extension until the end of the year before he must vacate his residence.

- o May 22 - The cables went up on Half Dome.
- o May 24 - Traffic controls were implemented at 12:00 p.m., 1:30 p.m., and 3:00 p.m. in Yosemite Valley. Controls were from five- to 60-minute intervals.

## *June*

- o June 4 - Kenneth Fawcett, 59, from Manhattan Beach died from a 70-100 foot fall off the cliff below Wildcat Fall on the Big Oak Flat Road.
- o June 6 - A 22-passenger electric bus demonstration was held in front of the Visitor Center by Electric Vehicle Marketing Corporation as part of their "Clean Across America" campaign.
- o June 6 - A commercial filming ban was put into effect through September.
- o June 14 - The Tioga Road closed from 8:00 p.m. to 9:00 p.m. due to snow.
- o June 20 - The Dome Fire was ignited by lightning above Royal Arches. It was controlled and contained at 195 acres with 159 personnel on June 23.
- o June 22 - A rockslide below Yosemite Point closed the trail from the base of Lower Yosemite Fall to Church Bowl for three days.
- o June 24 - The Tioga Road closed for two hours due to hail and ice.

- o June 25 - Senate hearings were held regarding granting lifetime occupancy to Foresta resident George Lange.
- o June 26 - Twelve companies received the Statement of Requirements and bid on the YP&CCo. concession contract.
- o June 30 - The Wilderness Society held a press conference in San Francisco to announce transportation recommendations for the park.

### *July*

- o July 4 - Traffic controls were put into effect for approximately 30 minutes.
- o July 14 - The park closed from 4:45 p.m. to 6:10 p.m. due to excessive rain, slides, and motor vehicle accidents.
- o July 22 - "The Yosemite Valley Housing Plan - Draft Supplement To The Final Environmental Impact Statement For The General Management Plan" was released for a 60-day public review period beginning July 31 through September 30.

### *August*

- o August 1 - The Moccasin Fire consumed approximately 8,000 acres 20 miles west of the park, closing Hwy. 120 for four days. All other entrances remained open.
- o An experimental ban on morning and afternoon campfires in Yosemite Valley went into effect until October 31.
- o August 9 - Alan Miller, 39, and Caroline Kostecki, 37, from South Lake Tahoe, were killed in a climbing accident on Cathedral Peak.

- o August 18 - A nine-foot-long, three-inch-thick incense cedar tree limb fell on an open-air tram at Swinging Bridge causing minor injuries to two people.
- o August 20-22 - An Office of Personnel Management team visited the park to review the 025 series.
- o August 22 - Bob Bloomingfield, staff-member to Congressman Howard Berman (D 26), visited the park.
- o August 23-26 - Congressman Richard Lehman visited the park.
- o August 23-24 - Jim Parham, special assistant to National Park Service Director Ridenour, visited the park.
- o August 25 - Entry into the park was free today. It was the 76th birthday of the National Park Service.
- o August 27-31 - Congressman Bill Lowery (R 41) visited the park.

### *September*

- o September 2-3 - A workshop was held with representatives from various environmental groups, the Superintendent, and Jim Hammett from the Denver Service Center to discuss the Housing Environmental Impact Statement.
- o September 14-15 - The King of Belgium and his family visited the park.
- o September 17 - Robert Moore, 42, from Greeley, Colorado, died while attempting to rappel down a fixed rope from the top of El Capitan.

- o September 30 - The Yosemite License Plate Bill was signed by California Governor Pete Wilson. Plates will be available for \$50. One-half of the proceeds will be allocated to the State Environmental Fund and the other half to the Yosemite Fund.

### ***October***

- o October 2 - Park officials announced that traffic regulations would be enforced on Highway 140. This affected mostly buses that were unable to use the road without crossing the double-yellow line. Mariposa County businesses were concerned about the loss of revenue if buses were no longer able to use this road.
- o October 28 - Tioga and Glacier Point Roads were temporarily closed through November 9 due to snow.
- o October 29-November 1 - The California Newspaper Publishers held their annual board meeting in the park. Superintendent Finley addressed the group.

### ***November***

- o November 10 - Tioga and Glacier Point Roads were closed for the season.
- o November 16 - Final bids were due for the new concession contract.
- o November 26 - California Governor Pete Wilson and family visited the park for the Thanksgiving holiday.

### ***December***

- o December 17 - The announcement was made in Washington that Delaware North

was selected by the National Park Service to be the next concessioner in the park. The recommendation will be forwarded to both Houses for a 60-day review before final approval.

- o December 31 - Annual visitation for 1992 reached an all-time record of 3,957,642 visitors. The total vehicles that entered the park were 1,410,132 with 13,317 buses.

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## **INTERPRETATION DIVISION**

### ***CHIEF PARK INTERPRETER***

Chief Park Interpreter Len McKenzie began a four-month detail as Acting Superintendent at Lava Beds National Monument Nov. 1.

The memorandum of understanding with Multi-Image Corp. to produce and donate a large-format film to the park expired in March and is pending revision and legal review before it is renewed.

The park acquired a video editing system with funds donated by the Yosemite Association. By the end of the year an orientation video targeted for new employees, produced by Audiovisual Production Specialist Bob Roney, was nearing completion.

The Yosemite Association approved about \$300,000 in aid-to-NPS for 1992.

The Superintendent decided to close Tenaya Lake Campground permanently based on staff analysis of resource issues and their recommendation to discontinue camping in the Tenaya Lake basin.

The park received a Parks-as-Classrooms allocation to fund the fifth year of the teacher intern program.

Most of the remaining wayside exhibits were installed.

The curatorial staff remained in temporary offices throughout the year pending upgrade of the electrical system in the Valley District Building. Repairs and rehabilitation were needed to mitigate a consistently elevated electrical magnetic field (EMF) in their usual office space.

Improvements were made in front of the Valley Visitor Center, including installation of a three-panel announcement board, new signs, and improved lighting.

The major electrical system deficiencies in the two Valley auditoriums remained uncorrected due to a lack of funding. Nevertheless, the orientation slide program was resumed on a limited, scaled-down schedule in the spring.

Wilson Hunter, chief of interpretation at CACH (Canyon de Chelly National Monument), was on a two-month detail in Valley District in the fall.

### ***PUBLIC AFFAIRS OFFICER AND PUBLIC INFORMATION OFFICE***

#### ***Public Affairs Officer***

- o Produced over 90 press releases.
- o Handled over 2,000 press contacts.
- o Coordinated public meetings in Fresno and Yosemite on the Concession Services Plan. Worked with the Western Regional Office (WRO) on all written material for meetings including question and answer sheets, press releases, etc. Coordinated press conferences in Fresno and Yosemite prior to public meetings. More media were in attendance at these than in San Francisco and Los Angeles.
- o Coordinated all aspects of the National Park Foundation Board visit May 3-5.
- o Coordinated all publicity on the "Endangered Ranger," Concession Services Plan, Housing EIS, electric buses, *ABC Nightly News* with Peter Jennings, CNN Special Reports, CNN out of Los Angeles, ban on morning and afternoon campfires in the Valley, Valor Awards,

- Tenaya Lake Campground closure, all search and rescues, back-pay, Vail recommendations, bear-resistant food canisters, Code 3, America's Most Wanted, bighorn sheep, *New York Times*, etc.
- o Coordinated visit of 40 international scientists and geographers who participated in the Rio Earth Summit.
- o Wrote the Executive Summary for the Housing Environmental Impact Statement which was used with the media and the public.
- o Coordinated workshop with representatives of the environmental community to discuss the Housing Environmental Impact Statement with the Superintendent.
- o Developed an expanded fact sheet on the park.
- o Contacted and coordinated speaking engagement for the Superintendent with the California Newspaper Publishers in October.
- o Initiated meeting with *Fresno Bee* editors for Superintendent Finley and Superintendent of Sequoia and Kings Canyon National Park Tom Ritter.
- o Coordinated every aspect of FUJI Network's two-day live shoot - "Today Show" type production which went live daily to New York, Paris, London, and Tokyo.
- o Secured the funding to rehabilitate the information office.
- o Coordinated the Governor's visit to the park over Thanksgiving.
- o Initiated a meeting with the Western Region Office (WRO) and Sequoia and Kings Canyon National Park (SEKI) to identify and design joint publicity campaigns, i.e. human/bear problems, reaching non-english-speaking visitors, and research on climate change.
- o Worked with Yosemite Fund and the East

Bay Chapter of the Yosemite Fund on marketing strategy and campaign for the Yosemite License Plate.

- o Coordinated *ABC Nightly News* visit on concession contract story.
- o Worked with Governor's Office on coordinating publicity on the Yosemite License Plate -- did joint release on findings on weather patterns indicating long-term dry periods.

### ***Public Information Office***

- o Over 30,836 information calls and 9,215 written requests were answered.
- o Responded to a variety of press contacts.
- o Provided public information training to other divisions including protection and resources.
- o Completed transition of *Yosemite Guide* production and training to Yosemite Association.
- o Completed Site Bulletin transition to Yosemite Association. Performed training and established priorities.
- o Upgraded quality and design of Daily Report and Weekly Update.
- o Remodeled the Public Information Office to ergonomic standards.
- o Compiled Community Alert notebooks.
- o Updated park handouts.
- o Attended interagency and fire meetings.
- o Provided information on the Dome Fire.

### ***CURATORIAL SERVICES***

#### ***Museum***

- o Two-hundred-and-four accessions were recorded during 1992; over half of these were gifts to the National Park Service (109), closely followed by field collections (87). This quantity of accessioning represents a 15% increase over 1991.

- o Backlog cataloging efforts continued with 3,337 new catalog records submitted in 1992. Over 83,000 catalog records have now been submitted to the National Catalog from Yosemite National Park.
- o Twenty outgoing loans were made of over 100 objects in the collection for study and exhibit outside Yosemite National Park. Over 300 objects were exhibited in the park this year.
- o Significant progress was made in the computerization of collection records. To date, 3,665 accession records, 36,485 cultural records, and 10,134 natural history records have been entered into the Automated National Catalog System. In addition, the park's computerized inventory database now contains entries for 79,332 objects, representing 88% of the cataloged collection. A new database was designed to track accessioned but uncataloged material to improve inventory control for these objects.
- o In February, the museum was visited by an auditing team from the Department of the Interior property management office, who were checking property record-keeping procedures for vehicles and museum property at Yosemite and several other National Park Service sites.
- o In March, the curatorial staff was involved in a "cultural resource management program evaluation" conducted by a number of National Park Service and other government professionals.
- o A preliminary fire/security survey was funded by the Museum Collections Protection and Preservation Program; and, in August, head of security at Colonial Williamsburg Danny McDaniel visited the park to evaluate the museum's security and fire protection systems.
- o In November, Marc Harnly, a photographic conservator from the Balboa Art Conservation Center, visited the park museum to evaluate the photographic material donated to the National Park Service as part of the Curry Archives collection and made recommendations for storage and treatment. This survey was funded by the Yosemite Association.
- o A number of notable acquisitions were made during 1992. Several pieces were added to the ethnographic collection, including a basket woven by Maggie Howard and another beaded basket woven by Nellie Charlie. The museum also acquired an early collection of baskets made in the Wawona area of Yosemite by Estella Washburn. Several early souvenir items as well as an Edward Weston photograph of Yosemite were also added to the museum's holdings.
- o Several members of the curatorial staff participated extensively in the preliminary review of Museum Handbook, Part 2.
- o The collections manager was the chair of the National Catalog Steering Committee; and, in August, she attended a meeting related to Museum Handbook, Part 2, and future Automated National Catalog System developments in August. She also participated in collections management planning for Golden Gate in July and September.
- o The ceremonial roundhouse in the Indian Village behind the Yosemite Museum was dismantled (due to structural rot), and the

- 40' diameter building was entirely rebuilt, taking over 750 person-days. The project was planned and supervised by the curator of ethnography in cooperation with the Mariposa County Indian Council.
- o Based on historic photographs, a Chief's House was constructed in the Indian Village. The project took over 300 person-days and was planned and supervised by the curator of ethnography in cooperation with the Mariposa County Indian Council.
- o The curator of ethnography presented a paper on museums and California Indian people at the American Anthropological Association meetings in San Francisco. His paper, titled "Ethnographers and Collectors Among the Sierra Miwok, 1900-1930: What Did They Really Find?," was based on his research performed in the Yosemite region over the last 20 years.
- o Work is underway in writing text for new wayside exhibits in the Indian Village. Funding has been provided by the Yosemite Fund.
- o The inventory of the Curry Archives, located in the Curry Warehouse was completed.
- o The historian/archivist worked with Denver Service Center on National Historic Register reports.
- o Supporting historical data and mapping for the U. S. Geological Survey report on rockfall in Yosemite was completed.
- o An archives storage building proposal was developed.
- o Support, information, and manuscript review was provided for the Historic American Engineering Record team evaluating Yosemite's roads and bridges.

### ***Research Library***

### ***Wilderness Historic Resources Survey***

- o The Research Library accessioned 248 items, of which 115 were purchased (106 books, five rare and out-of-print books, and four pieces of ephemera) and cataloged and processed 306 books and 31 separates.
- o A total of 2,325 library items were circulated in 1992, including 769 books, 698 periodicals, 332 photographs, and 254 books that were sent to the Tuolumne Meadows Branch Library for the summer.
- o Research Library public contacts averaged 188 visitors and 100 phone calls per month; handled 306 requests for information; assisted 57 private researchers and 28 NPS staff members on specific projects.
- o The historian/archivist completed the Wilderness Historic Resources Survey 1992 field season, covering 1,215 miles and recording 123 blazes, five buildings, 17 structures, 11 trails, and nine additional features.
- o The Wilderness Survey field data forms were brought up-to-date for entry into the park's Geographic Information System (GIS).

## *Visuals Center*

- o Seven exhibits were planned, designed, and installed by the museum staff, including four in the Visitor Center (January - Yosemite Renaissance VII; May - 1991 Artist-in-Residence Pack Trip; July - Willie Osterman Photographs from the Yosemite Photographic Survey; September - Works by Patrick Dullanty), and three shows in the Museum Gallery (January - Yosemite Artist-in-Residence Show; May - Historic Works from the Yosemite Museum; October - Photographs by Ted Orland).
- o Extensive technical assistance was provided for a temporary archeological exhibit. Assistance was also provided for several other display projects by interpretive and resource management staff.
- o The staff provided 4,642 slides for 182 orders.
- o A total of 9,331 slides and labels were produced for the Valley District slide file project to create a satellite file. To date, 14,637 slides and labels have been produced for the project.
- o Progress was made in the computerization of slide library records. The database now contains records on 4,859 slides.
- o The new slides that were accessioned and added to the collection in 1992 amounted to 1,732.
- o A duplicate slide file was reorganized to facilitate use of the file and provide access by subject matter as well as number.

- o Over 500,000 park visitors attended museum exhibits in the park.

## *VALLEY DISTRICT INTERPRETATION*

- o A series of 19 interpretive signs addressing different resource issues were designed, written, and produced by the Valley District staff to be located at shuttle bus stops throughout the Valley.
- o A new on-site education program was developed in which rangers presented programs in Yosemite Valley to more than 2,000 upper-primary school children. Two units were developed based on California Educational Frameworks (curriculum guidelines) for science and social science. An education specialist position was established and hired concurrently.
- o Development of a district slide file system resulted in greater accessibility to slides by the district staff, which has allowed for development of more programs.
- o Improved marketing of programs resulted in a significant increase in attendance at interpretive programs, especially throughout the summer.
- o Two sign-language interpreters served the visitors throughout the summer with one sign-language interpreter staying through the year.
- o Donation boxes were placed in the Valley Visitor Center, Happy Isles Nature Center, and the Pioneer Yosemite History Center. Proceeds paid for repairing, improving, and creating displays, along with hiring additional staff.

### ***MATHER DISTRICT INTERPRETATION***

- o A new deck was built around "Big Red" - a giant sequoia in the Tuolumne Grove. The Yosemite Fund provided \$7,500 for the deck and a new porcelain and enamel interpretive sign. The deck was designed to allow people to touch the tree without trampling the soil.
- o The Tuolumne Meadows sub-district ranger worked with maintenance and the park's landscape architect to develop a proposal to improve parking at the Tuolumne Meadows Visitor Center. A proposal and environmental assessment were written to double the size of the parking area and build a second access road to allow flow-through traffic.
- o The staff continued to work with the City of San Francisco to find a compromise text and design concept for the new exhibits at Hetch Hetchy.
- o A second desk was added at the Big Oak Flat Information Center to improve visitor service. A new orientation display was planned for the center. Improvements were made in available work space, signing bulletin boards, and placement of trash and recycling receptacles. Electronic counters were installed.
- o *The Tuolumne Meadows Handbook*, an interpreters' resource book for the district, was revised and produced.
- o The Tuolumne Meadows sub-district interpreter worked as a liaison with research.
- o Eighty-nine-year-old interpreter Carl Sharsmith returned to Tuolumne Mead-

ows, and his 60-plus years of NPS experience continued to inspire the staff and visitors.

- o Jim Cokas, graphic artist and Tuolumne Meadows volunteer, worked with poster-size photos of the staff to produce bulletin boards for the district.
- o The staff continued to work with Concessions Management and YP&CCo. to develop signs, schedule, and public information support for the free Tuolumne Meadows shuttle.
- o The Chief Park Interpreter and sub-district interpreter continued to represent the park in "CURES," Coalition for Unified Rec-reation in the Eastern Sierra.
- o A Yosemite Fund grant request for an information trailer was approved. The trailer will be used as a visitor contact point at various parking areas throughout the park.

### ***WAWONA DISTRICT INTERPRETATION***

- o Continued to assist the protection staff in mitigating deer-feeding problems at the Wawona Golf Course by providing roving interpretive contacts during the summer months.
- o Worked closely with the protection staff controlling traffic and crowding in the Mariposa Grove.
- o Continued to offer special events such as star parties, Old-fashioned Christmas in Wawona, the July 4 parade, and barn dances.

- o The Wawona Ranger Station interior was renovated and the front porch enclosed to create an information station.
- o The boardwalks and museum projects in the Mariposa Grove were completed.
- o The Environmental Living Program at the Pioneer Yosemite History Center served more than 900 students from throughout California.

## **PROTECTION DIVISION**

### ***FIRE MANAGEMENT OFFICE***

#### ***Prescribed Natural Fire Management***

- o Due to the previous six years of drought in the Sierra and expectations for the worst fire season in history, the Yosemite Fire Management Plan was amended for 1992, and approximately 70,000 acres of PNF (Prescribed Natural Fire) zone was placed into the full suppression zone. In addition a re-ignition clause was executed to allow for certain fires that were initially suppressed to be re-ignited after the summer danger passed. Fire season in Yosemite started on March 26, 1992 with the first lightning fire, and the last natural ignition was October 31, 1992. The last man-caused fire was December 2, 1992.

#### **Forest Restoration, Prescribed Burning, and Fire Effects Monitoring**

- o Nine Western Region Forest Plots were re-monitored; three new forest plots were installed but not burned; three forest plots were burned in 1992; three grass plots were burned in 1992; and 70 old-style Yosemite Forest Plots were re-monitored. These are in a nested configuration and range in age between five and ten years post-burn. Some will be evaluated and abandoned following analysis.

#### **Prescribed Fire and Hazard Fuel Management**

- o There were nine prescribed fires conducted which treated 950.2 acres. The largest unit was in the vicinity of the Tuolumne Grove of Giant Sequoias. A burn was conducted to provide protection

for a historic backcountry ranger station. The total expenditure for the prescribed burn program was \$58,300, which included wages for six seasonal fire fighters.

#### **Prescribed Natural Fire**

- o There were 34 prescribed natural fire numbers issued and 576.8 acres burned. One of these was converted to a wildfire due to elevated state and national preparedness levels and a shortage of resources. Estimated cost for conducting the prescribed natural fire program was \$169,000, which included wages for seven seasonal fire monitors.

#### **Total Acreage Burned**

- o A total of 1,877.2 acres burned within the park in 1992.

#### **Prescribed Fire Operations**

- o Nine prescribed burns were completed this season for a total of 950.2 acres; three additional clearing projects were completed, but acreage will be reported in FY-93; 34 prescribed natural fires were managed for a total of 576.8 acres (one was converted to a wildfire).

#### **Wildland Fire Suppression**

- o Twenty-six man-caused wildfires were suppressed for a total of 9.8 acres; 77 lightning-ignited wildfires were suppressed for a total of 340.4 acres; and, 22 support actions were recorded ranging from support to North Zone Coordination Center to monitoring volcanos in Hawaii. During the 1992 fire season, the amount of wildland suppression fires and prescribed natural fires have been well above

average. As a result, additional personnel were required to assist in suppression, as well as monitoring prescribed natural fires.

- o Crew members acted as incident commanders on 16 suppression fires.
- o Crew members worked 82 shifts as fire fighters on suppression fires.
- o Crew members spent a total of 58 shifts on out-of-park assignments.

#### Structural Fire

- o Park battalions responded to four administration flights with engine response, 24 alarms (no fire), 28 dumpster fires, two false alarms (malicious intent), 24 confirmed fires or smoke, 31 hazardous conditions or HAZ MAT, 72 air ambulance flights, 30 motor vehicle accidents, three public assistance calls, and 42 search and rescues for a total of 260 calls. A new structural fire engine was purchased for El Portal (\$201,426). The park's capability to respond to hazardous materials incidents was significantly increased with the purchase of supplies and additional training.

#### **WILDERNESS MANAGEMENT**

- o Yosemite's wilderness resource protection staff contacted almost 70,000 wilderness users this summer and provided education about resource protection. The staff spent 1,535 hours on restoration, removing and/or rehabilitating 934 campsites. More than 1,800 pounds of trash were removed from the back-country by the wilderness staff. Special projects included a three-month water quality monitoring

program in cooperation with the Resources Management Division, implementation of WIMS II (a follow-up on the Wilderness Impacts Monitoring Study done in 1982-86 and the Homes Study done in 1972), began a grazing impacts monitoring study and a day-use study, continued monitoring wildlife, inventoried the Merced Drainage lakes and streams for fish populations, and made substantial progress on a Climbing Management Program (\$130,000 ONPS).

#### ***Climbing Management Program***

- o Held four meetings with climbing and conservation organization representatives; produced a Climbing Management Plan working draft; instituted regular ranger climbing patrols at Yosemite Valley and Tuolumne Meadows climbing areas; three rangers hiked 235 miles patrolling 140 areas over 67 days, made 502 visitor contacts, climbed 60 pitches, spent 17 hours in maintenance work, restored eight campsites or fire rings, collected 68 pounds of trash, spent 24 hours on eight search and rescue assignments, and took 18 law-enforcement actions; helped coordinate litter cleanups at the bases of Half Dome, El Capitan, and the Washington Column, resulting in the collection of several hundred pounds of trash; conducted a impact survey at some 125 climbing areas (out of about 160 in the park) containing about two-thirds of the park's climbs; took documentation photos of many climbing areas; constructed a pilot climber access path; work was done by a trail contractor hired by the Access Fund and volunteer climbers provided the labor; designed an interpretive sign to educate climbers about their responsibility for helping preserve Yosemite's Vertical

Wilderness in English, French, German, and Japanese; began, in conjunction with the Access Fund, a Climber Use Survey; held informal question-and-answer sessions with local climbers in Tuolumne Meadows and in Yosemite Valley; and assisted the Ranger Activities Division in Washington D.C. in the formulation of a National Policy Statement on climbing management.

- o Grazing impact monitoring was begun this past summer in cooperation with the University of Arizona and the University of California Extension Services. The program will be implemented this season with wilderness unit personnel. The superintendent with members of his staff joined the grazing impact monitoring team into the Clark Range and the headwaters of the Merced River.
- o A fisheries study was conducted by "Volunteer in the Park" Fred Berteta on the upper reaches of the Merced River, its tributaries and its lakes. Mr. Berteta incurred all expenses of the survey and presented the final copy of his report to the superintendent. Much of his work followed up on the Wally Wallis study of 1951 and the Steve Botti study of 1985.
- o The Lake Vernon Cabin restoration was successfully completed in August of 1992 with the assistance of Exhibit Specialist Craig Struble and Animal Packer Foreman Steve Ybarra.

#### Helicopter Use

- o The park contract helicopter flew a total of 421 hours and made 63 flights for initial attack and 149 flights in support of other park operations. Night landing

lights were installed on one landing pad at the Crane Flat Lookout. Asphalt paving was laid around all the helicopter landing pads.

#### COMMUNICATION

- o A new radio system for the park was purchased (for approximately \$215,000), which included three repeaters, three consoles, and 18 mobile radios.

#### WAWONA DISTRICT

- o District visitation substantially increased in 1992 (15+ %), with major impacts at the Mariposa Grove.
- o Statistics: 665 incidents; 30 arrests; 25 search and rescues; two fatalities; 225 emergency medical services; and 94 motor-vehicle accidents.
- o Vehicle traffic congestion at the Mariposa Grove/South Entrance intersection and Wawona area continued to increase in 1992. From May to October, the Mariposa Grove was closed to incoming traffic on a daily basis. There were 11 days during the summer when all of the Wawona parking lots filled to capacity forcing many visitors to be turned away from visiting the Mariposa Grove and Pioneer Yosemite History Center areas.
- o The Wawona shuttle bus system transported over 100,000 riders to the Mariposa Grove from parking areas in Wawona. Shuttle use has doubled over the past two years.
- o Major improvements were made to the Wawona Ranger Station to consolidate office functions and work areas.

- o The Yosemite Hang Gliding Association was issued a special-use permit to manage the hang gliding activities from the Glacier Point area.
- o Documentation was completed for 29 environmental/NEPA projects, including the Wawona Grade School Environmental Assessment and Hill's Studio XXX compliance.
- o Construction began on a fence along the Wawona Highway near the golf course and apple trees to reduce the human and deer interactions. There were four documented visitor injuries involving deer near this site.
- o There were ten bear incidents within the Wawona area and four cases of illegal hunting with bear dogs.

#### ***Fee Collection***

- o Despite the lowest staffing levels and the shortest hours of operation in at least a decade, the South Entrance collected \$1,067,777 in 1992, a record amount of fees (\$50,000 more than in 1991). Increased fees were primarily due to major increases in commercial bus traffic and Mariposa Grove and Wawona visitation.
- o Changes in operating procedures and use of new multiple-drawer cash registers produced major upgrades in security, accountability, and proper adherence to NPS-22 standards.

#### ***Campgrounds***

- o Wawona District campgrounds collected \$163,638 dollars in fees in 1992 (\$20,000 more than in 1991).

- o A major revision of the Wawona campground registration area was completed with handicapped-accessible facilities and improved signing.
- o Despite increased patrol efforts, site-limit enforcement and out-of-bounds camping within the campground continued to be a problem. Water systems, trash removal, and resource damage were all impacted due to heavy visitor use.

#### ***Section 35***

- o The central sewer system was extended to include eight additional houses adjacent to the South Fork of the Merced. The \$70,000 project cost was paid for with donations from local property owners.
- o New fencing and street lighting ordinances were added to the Wawona Town Plan. Twelve construction permits were issued for new and/or additions to houses.
- o Donations of \$25,000 were collected to re-establish Wawona Community TV.
- o The E911 telephone system was implemented for all private and NPS residences, including the assignment of new street numbers.
- o USGS completed the second year on the Wawona Basin water study.

#### ***VALLEY DISTRICT***

- o The Valley District was very active in search and rescues, being involved in 164 of the 245 logged for the year. There were six "big wall" rescues with several heli-rappell operations.

- o Emergency medical services (EMS) continued at a high level with the Valley ambulance finally beginning to charge for services this year. A bonafide "save" using the "Life-Pak" and CPR occurred in front of the visitor center.
- o Three base-jumping incidents occurred resulting in three major injury accidents.
- o Law enforcement continued to be very active with 846 bookings. UIA bookings (under the influence of alcohol) and state warrants were down, but DUI (driving under the influence) bookings were significantly up, with almost 200 DUI arrests. There were less than half-a-dozen DUI injury motor vehicle accidents (MVAs). Overall the Valley logged in two fewer arrests than in 1991 with 611 of the 846 arrests.
- o The Valley District Ranger investigators, working cooperatively with LEO and Valley District patrol rangers, were very active in drug enforcement, making over 18 narcotics trafficking cases. More methamphetamine and hypodermic syringes than ever before were seized this year after an early January drug overdose death (methamphetamine) at the Yosemite Lodge Annex. Multiple sexual assaults were also investigated.
- o There was an increase in trail and bicycle patrol. An emphasis was placed on reducing bridge jumping and enforcement of the new resource protection regulations (limited hours for campfires and fishing regulation changes).
- o Mounted horse patrol training occurred with a very active horse patrol effort throughout the summer although there were only three seasonal mounted rangers. During October, a contingent of Valley District and backcountry ranger equestrians rode for the NPS in the Grand National at the Cow Palace in San Francisco (uniformed division), placing a respectable third.
- o Several Valley District personnel participated in the park's fire management program, both on suppression and prescribed natural fire efforts. The Valley District rangers provided a strong response in structural fire, with several rangers upgrading their qualifications to be engineer/operators.
- o The first Resource Protection Ranger for the district was appointed and began the Resource Protection Program with implementation of new fishing regulations.
- o A handout was produced and used locally to explain new fishing regulations. The Yosemite National Park bail schedule for Fish and Game code violations and compendium entries for fishing regulations were rewritten.
- o A comprehensive plan to rehabilitate Cathedral Beach, Sentinel Beach, and Swinging Bridge was prepared. Funding from the Yosemite Fund was secured for the Sentinel Beach rehabilitation.
- o A comprehensive plan to move the campground at Little Yosemite Valley was produced. This included mapping the area, coordinating with the cultural resources staff on clearance for the move, site placement, food storage requirements, and the procurement and placement of bear boxes. A funding proposal for outside private sector funding (Yosemite

Fund) was prepared.

- o Approximately 25 additional "bike" signs were placed in east end of Valley. This successfully reduced the mountain bike problem in the Vernal and Nevada Falls trail area.
- o Arch Rock Entrance Station entries increased over 1991 by 6.3% totalling 396,037 vehicles over 6,000 of which were buses. Arch Rock logged 28.3% of the park's total entries and 48.3% of the total park's bus entries. A total of \$970,649 in revenue was collected.
- o The Valley Campgrounds continue to bulge with hopeful campers. Approximately 649,000 camper nights were recorded. An Administrative Campsite Guideline was developed and is awaiting approval.

### ***MATHER DISTRICT***

- o Hunter Sharp was promoted to the District Ranger position and arrived in Yosemite in February from Everglades National Park. Mather District was reorganized in April. Kris Bardsley was assigned as the Tuolumne Meadows sub-district ranger and Karen Frasier as the Canyon Ranch subdistrict ranger. Fee management was placed under the individual subdistrict operations. The staff was reduced by three GS-9 ranger positions.

### ***Tuolumne Meadows Subdistrict***

- o Statistics: 97 EMS incidents; 34 search and rescue incidents; 52 motor vehicle accidents; 12 arrests; 455 bear incidents; \$791,000 collected; and two fatalities.

- o Tenaya Lake campground was permanently closed.
- o A major recovery effort was made for two climbers who suffered fatal falls on Cathedral Peak.
- o Forty car clouts occurred at trailheads.
- o Two major technical rescues were made on Dana Glacier.
- o Bear activity and property damage were at an all-time high with \$44,000 in damage reported.

### ***Canyon Ranch Subdistrict***

- o Statistics: 18 EMS incidents; three search and rescue incidents; one motor vehicle accident; six arrests; 38 bear incidents; \$21,394 collected; and no fatalities.
- o The Frog Creek dam removal environmental assessment and proposal was submitted.
- o Significant resource damage at Kibbie Lake continued in spite of increased patrol.
- o Major cattle trespass was discovered and reconciled.

### ***Big Oak Flat Subdistrict***

- o Statistics: 57 EMS incidents; 12 search and rescue incidents; 61 motor-vehicle accidents; 128 arrests; 35 bear incidents; \$1,662,772 collected; and two fatalities.
- o Boundary marking was approximately 75% completed.
- o Two gates were installed on boundary access roads.
- o Poaching patrols resulted in several successful prosecutions.
- o First two NPS DUI checkpoints were conducted.
- o Marijuana growers were discovered and arrested in South Fork drainage; an approximate \$250,000 crop was seized.

- o Red-carded personnel served 90-plus days on wildland fire incidents.
- o Fire management personnel were heavily integrated into emergency operations.
- o A record number of DUI arrests were made.
- o Phase II of the White Wolf office was completed.
- o A "Top Ten" FBI fugitive was arrested by White Wolf patrol.
- o Subdistrict personnel served on Horning and Hurricane Andrew incidents.

## **LAW ENFORCEMENT OFFICE**

### ***Jail Operations***

The Yosemite Holding Facility established another record for in-custody prisoners with 846 arrests in 1992. This was a 6.6% increase over the 1991 figure of 794 arrests. These arrests amounted in 1854 prisoner days which was an increase of 12% over the 1991 mark.

Monthly arrest records were established in January, May, September, October, and November.

### ***Prosecution***

The Yosemite paralegal staff prosecuted approximately 1,600 cases in the United States Magistrate's Court in 1992. These cases consisted of:

- o 1,343 Class B Misdemeanors
- o Approximately 200 Class A misdemeanors
- o 21 Felonies
- o 5,496 Central Valley Bureau Violations (CVAs)

### ***Criminal Investigations***

Law Enforcement Office investigators conducted 83 criminal investigations in 1992. Ten of which were considered major, long-term investigations. Many of those consisted of inter-agency efforts into the investigation of continuing criminal enterprise. All of these investigations amounted to 1,838 hours of investigative effort.

Seven felony arrests were made during these investigations with approximately 20 indictments pending in the next year. Approximately \$30,000 in asset seizures are pending within the next four months, as a result of the eradication of a \$200,000 cannabis cultivation in the Mather District.

### ***Tort Investigation***

In 1992 the Law Enforcement Office received, investigated, and processed 39 tort claims against the United States Government, totalling \$25,924,061. The bulk of the effort was directed toward the Foresta and Blackburn claims.

### ***Internal Investigations***

The Law Enforcement Office received and investigated five complaints alleging employee misconduct and theft in 1992.

### ***Community Relations***

The Law Enforcement Office established a new position in 1992 entitled Community Relations Ranger. Ron Hamann occupied this position and developed numerous community service projects in an attempt to lessen the perceived "gap" between Law Enforcement Officers and members of the community. Some of the new projects in-

cluded presentations at local meetings and YP&Cco. training sessions, community service sentencing for local misdemeanor violators, DARE instruction at three schools, safe houses for victims of child or spouse abuse, and "baseball" trading cards picturing park rangers and featuring safety messages and facts about Yosemite.

**ANNUAL EMERGENCY MEDICAL SERVICES REPORT**  
**1992**

**PART A: TO BE COMPLETED BY ALL AREAS**

**PARK:** YOSEMITE **EMS LEVEL:** VI

**EMS COORDINATOR/CONTACT:** Kelly McCloskey

**NO. OF ~~MINOR~~ MEDICAL CASES LAST CY:** 1071 total cases

**NO. OF BASIC LIFE SUPPORT (BLS) CASES IN PARK LAST YEAR:** 886  
(Beyond "band-aid" level)

**NO. OF ADVANCED LIFE SUPPORT (ALS) CASES IN PARK LAST YEAR:** 158  
(Invasive therapy, knowledge beyond EMT, do not include ACLS)

**NO. OF ADVANCED CARDIAC LIFE SUPPORT (ACLS) CASES LAST CY:** 28

**NO. OF ABOVE (BLS/ALS) CASES WHICH INVOLVED NPS EMS:** 1071 (all reported)  
# of NPS Ambulance Runs 466

**NO. OF FATALITIES IN PARK LAST YEAR:** 10

**NPS EMS INTERVENTION-TRAUMA:** 728 **NON-TRAUMA:** 495

**NON NPS INTERVENTION:** not reported

**NO. OF FIXED/ROTARY WING EMS FLIGHTS LAST YEAR:** 120 (50 co-act/Park helo)  
(70 mediflight helo)

**NO. OF EMS EMPLOYEES DURING LAST YEAR:**

<b>LEVEL IV:</b>	<b>PERM</b>	<u>46</u>	<b>SEASONAL</b>	<u>54</u>
<b>LEVEL V:</b>	<b>PERM</b>	<u>22</u>	<b>SEASONAL</b>	<u>0</u>
<b>LEVEL VI:</b>	<b>PERM</b>	<u>0</u>	<b>SEASONAL</b>	<u>2</u>

**NUMBER OF TRAINING WORKDAYS PROVIDED AT NPS EXPENSE, ALL LEVELS:** 67

**\$ SPENT FOR EMS TRAINING** \$19,500 **DO NOT INCLUDE TRAINEE SALARIES**

**SAVES:** 75 **"without our field NPS EMS assistance would this person have died?"** (total includes SAR inj/ill saves + frontcountry saves)

**PART B: TO BE COMPLETED ONLY BY AREAS WITH LEVELS IV TO VI PROGRAMS OR WHICH PROVIDE MEDICAL TRANSPORTATION:**

**MEDICAL SPONSOR:** Chris Gallery, M.D., Yosemite Medical Clinic

**WRITTEN AGREEMENT WITH:** Yosemite Medical Clinic, Valley Medical Center, Fresno  
Memorial North Medical Center, Modesto

**NUMBER OF VEHICLES DEDICATED TO AMBULANCE SERVICE:** 6

## CONCESSIONS MANAGEMENT DIVISION

### Personnel and Budget

After being vacant for a year, the division chief's job was filled in March by Marty Nielson, previously at Glacier N.P. Annette Catamec, Kim Tucker, and Judy Jennings filled acting detail assignments during the interim.

In FY92, the division consisted of a chief, GM-13, four concession management specialists, three GS-11s, and one GS-9, a concession assistant, GS-6, and a temporary GS-3 office automation clerk.

The FY92 budget was \$186,046. While the above positions existed on paper, the budget was not sufficient to support all of them. Lapsed positions were not filled.

### Concession Services Plan

The draft Concession Services Plan (CSP)/Supplemental Environmental Impact Statement (EIS) was released for public comment in mid-December 1991. In late January 1992, public meetings were held in Los Angeles, Fresno, San Francisco, and Yosemite Valley to obtain public comment on the draft CSP. Nearly 1,100 people attended; 230 spoke. To a considerable extent, the meetings were well-orchestrated by environmental organizations which mounted an effective media campaign to promote their perspective. By the end of the public comment period, over 4,000 written comments had been received. After making appropriate adjustments to the draft, the final CSP/EIS was issued in August 1992. It received fairly widespread support.

## *Contracting*

### Primary Concession (vice-YP&CCo.)

After months of preparation, a fully competitive offering for Yosemite's main concession was issued to the public. This offering was made possible by the advance merger agreement between the National Park Foundation (NPF) and the Music Corporation of America (MCA). As provided in the agreement, NPF would assign their rights in the agreement to a new concessioner selected by the NPS. Just prior to the expiration of the existing contract, September 29, 1993, the new concessioner would then merge with the Yosemite Park & Curry Co. (YP&CCo.) and provide services into the next contract period.

A Prospectus (Statement of Requirements) (SOR), Phase I for Yosemite Hotel Services was issued on April 6, 1992. There were two criteria under Phase I: (1) demonstrate substantial competence to manage a complex service-oriented business; and, (2) demonstrate with reasonable assurance the ability to provide \$12 million of initial equity capital. Of the 16 applications received in response to Phase I, 12 successfully met the two criteria and pre-qualified for Phase II:

Boston Concessions Group, Inc.;  
Fred Harvey Company  
(JMB Realty/Amfac Resorts);  
Highmark Corporation;  
Host International (Marriott);  
Hyatt Development Corporation;  
McDonald's Corporation;  
National Resource Management, Inc.;  
Ogden Entertainment Services;  
Sportservice Corporation  
(Delaware North);

TW Recreational Services, Inc.;  
Yosemite Park Services,  
Limited Partnership; and  
YRT Services Corporation

The SOR Phase II, with draft contract and operating and maintenance plans, was issued by invitation to the 12 entities which had pre-qualified on July 15, 1992. The conference for the applicants was held in-park July 28 - 30 to provide information and establish "ground rules," allow for questions, assist with an initial facilities tour in the Valley, and distribute detailed financial and operational information upon which applicants could start their due diligence.

During the 120-day process, the division served as the coordinating point for information requests from applicants and the flow of new information from the NPS and YP&CCo. to the applicants. Due to the complex nature of the merger in which both the assets and the liabilities of YP&CCo. will pass to the new concessioner, over 400 written questions were submitted. Printed documentation and information provided by the NPS and YP&CCo. to applicants during this period was estimated at over 10,000 pages, most of it printed on both sides.

Offers in response to Phase II were due on November 16, 1992. A total of six offers were received. They were:

Amfac Resorts, Inc.;  
National Resource Management, Inc.;  
Delaware North Companies  
(Sportservice Corporation);  
TW Recreational Services, Inc.;  
Yosemite Park Services, L.P.; and  
YRT Services Corporation

A ten-person evaluation panel comprised of NPS employees and private consultants with operational and financial expertise spent two weeks reviewing the offers. At the end of that time, it was determined that only one bidder had fully met the 16 criteria listed in the SOR Phase II. A recommendation was made to a panel comprised of managers from the park, region, and WASO who made the final selection.

After receiving a thorough briefing on December 17, the Secretary and the Director announced that Delaware North Companies had been selected as Yosemite's next concessioner.

#### Other Concession Contracting

The moratorium on concession contracting continues to impact the smaller concessions in the park. The El Portal Chevron, Ansel Adams Gallery, and the dentist have for years now operated on letters of authorization or no authorization at all. The moratorium continues to create uncertainty and hardship for these concessioners.

#### Chain Installation Services

Authorizations were issued to 16 people to provide snow chain services within the park. Authorized services included the installation, removal, and repair of snow chains at designated chain-control points.

#### Tour Bus Program

There are currently 528 commercial tour/bus companies with Letters of Authorization to enter Yosemite National Park. Park officials met with the California Bus Association in July and with state and national tour and bus associations in December to initiate

discussion about a new authorization system to replace the current one. The Letter of Authorization may be replaced by a permit and a reservation system which will reduce the total number of buses entering the park annually.

#### Contract Administration

#### High Sierra Camp Reservations Lottery

Each year more people seek reservations for the popular High Sierra Camps: Vogelsang, Merced Lake, Sunrise, Glen Aulin, and May Lake. Both the concessioner and the NPS have received a small but steady increase in the number of complaints by those who have had repeated, unsuccessful attempts at securing reservations. In June, the National Park Service gave approval to YP&CCo. to institute lottery reservation systems for overnight accommodations, four-day and six-day saddle trips, and seven-day loop trips to the High Sierra Camps.

#### Concessioner Construction Projects

Major concessioner construction highlights for this year included:

##### Ahwahnee Hotel

- o Four guest rooms at the Ahwahnee Hotel were renovated. With this project, five percent of the 123 guest rooms provide access for the mobile impaired.
- o The men's public rest room was renovated.
- o Three walk-in refrigeration boxes in the kitchen were upgraded.

##### Curry Village

- o Improvements were made to the bath-

rooms at the "Mother Curry Bungalow" employee housing area.

- o Wood-burning stoves were replaced with propane heaters in 18 employee tents at Boystown and the Valley Stables.

#### High Sierra Camps

- o Construction of a composting toilet system was completed at Vogelsang which replaced the old "mound system."
- o Approval to replace the wooden framework of the two Merced Lake canvas shower houses with galvanized metal frames was obtained.

#### Wawona

- o The fuel oil heating system with propane heating at the gas station was replaced.
- o Eight bathrooms at Clark Cottage in conjunction with new bedroom furniture and wall coverings was renovated.
- o Approval to upgrade components of the electrical system at the Wawona Hotel was received. Removed all overhead wiring in the hotel complex, modernized the electrical transformers and control panels, and provided for the automatic transfer of system power to an emergency auxiliary source.
- o Wall surfaces in the bake and butcher shops and kitchen hoods at the Wawona Hotel were replaced.

#### Yosemite Lodge

- o Received approval to construct a disabled rest room facility adjacent to the existing cabin without bath shower house complex.
- o Reconfigured four existing without bath cabins with wider doors, accessible door hardware, and a wooden ramp/porch to comply with ADA requirements.

- o Electrical system upgraded in conjunction with Phase VII of the NPS Valley Electrical Upgrade Rehabilitation Project.
- o Installed propane heating in 90 cabins without bath guest units, the house-keeping department building, and the aerobic facility. Existing electrical heaters were removed.
- o Reroofed the Oak Cottage (3800) guest accommodation structure.

#### Yosemite Village

- o The roof was replaced on the western side of the Degnan's building complex.

#### Concessioner Annual Overall Ratings

The park's five concessioners, Best's Studio, Inc. dba The Ansel Adams Gallery; the El Portal Market; Yosemite Park and Curry Co.; Samaritan Health Services dba the Yosemite Medical Group; and the El Portal Chevron received "Satisfactory" Annual Overall Ratings for operational performance and contract/permit compliance.

#### *Other*

#### Concession Building Evaluations

A contract was awarded to ACE Pacific Co., in conjunction with Architectural Resources Group, to conduct inspections of 122 concession buildings in Yosemite National Park. This project was completed in July, 1992. The purpose of the project was to assess structures for deficiencies, provide corrective action recommendations, determine cost estimates for repair and rehabilitation, and prioritize deficiencies based on the assessments. This project provided information in the formulation of the SOR (Statement of Requirements) for a

new concession contract.

#### Shuttle Services

The Visitor Transportation System(s) provided transportation services at the following levels: Wawona shuttle: 200,567; Tuolumne Meadows shuttle: 18,846; Valley shuttle: 3,332,646; and Badger Pass shuttle: 55,624.

#### Program Audits

The General Accounting Office (GAO) audited division operations in April regarding government owned structures assigned to concessioners, building-use fees, and related maintenance agreements. In October, senior GAO officials visited the park to obtain input regarding items they would place on next year's schedule. The GAO also conducted a legal review of the role which the National Park Foundation was playing in the sale/merger agreement with MCA.

The Office of the Inspector General (OIG) audited the park's underground storage tank (UST) program in September. A review of concessioners' UST was included in the audit. OIG expanded the scope of their review to include a look at whether provisions of the SOR adequately insulated the government from liability regarding investigation and remediation requirements related to YP&CCo.'s UST program. A related action, perhaps spurred by this investigation, resulted in the California Regional Water Quality Control Board issuing a Cleanup and Abatement Order to YP&CCo. with due dates on the category one sites falling prior to the expiration of the current contract on September 30, 1993.

## Commercial Filming Ban

The Superintendent imposed a moratorium on the issuance of permits for commercial filming during the period May 1 through September 30. Representatives from the film industry and the California Film Commission protested this moratorium, stating that they felt they were being unfairly denied the opportunity to use park lands. Kim Tucker represented the park at a servicewide meeting in Washington D.C. which focused on the need to update NPS-21 (commercial filming policies).

A number of filming projects took place in the park during 1992, including production of "Pepsi" and "Old Milwaukee" beer commercials, fashion catalogs, and magazine articles for *Allure* and *Bride* magazines.

## Transfer of Commercial Filming and Foreign Visitor Functions

Responsibility for administering the park's commercial filming program was transferred to the Division of Visitor Protection, effective November 1, 1992. Responsibility for hosting official foreign visitors was reassigned to the Division of Interpretation.

## Public Health Service Operations Review of Yosemite Medical Clinic

The park contracted with the United States Public Health Service, Division of Federal Employee Occupational Health, to conduct a comprehensive operations review of the Yosemite Medical Clinic. This operations evaluation will be used during the development phase of the SOR for contracted medical services when the current contract with Samaritan Health Service expires in December, 1994.

## **MAINTENANCE DIVISION**

### ***BUILDINGS AND GROUNDS***

#### Handicap Improvements

- o New rest room and horse camp in Wawona.
- o Ramp on Ranger's office in Wawona. Accessible vault toilet at Crane Flat.

#### Historic Restoration

- o Repainted and corrected structural deficiencies at the LeConte Memorial.
- o Restoration work was accomplished on the Lake Vernon cabin and on the Henness Ridge Lookout.

#### Training

- o Sent 11 employees to asbestos workers' training for certification; sent 13 employees to lead-paint abatement training; and provided 22 employees with scaffolding certification.

#### Medical

- o Twenty-one employees were placed in a Medical Surveillance Program.
- o Region had 40 houses tested for lead paint.

#### Housing Initiative

- o Insulated eight houses, refinished stucco on 12 houses, upgraded HVAC on 11 houses, rewired five houses, repainted eight houses. Abated asbestos on three houses, contracted for asbestos survey on 30 houses, replaced/repaired three decks,

remodeled five bathrooms and two kitchens, and replaced two foundations.

- o Two tent cabins were converted to hard tops in Tuolumne (Road Camp).

#### Cyclic Roofing

- o The park was able to replace 63 roofs on houses and public and administrative buildings.

#### Repair/Rehabilitation

- o Replaced ten unsatisfactory toilets with new vault toilets.
- o Replaced obsolete toilet/laundry trailer with new facility in Wawona.
- o Developed 32-gallon trash can modification to prevent back injuries.
- o Remodeled two historic rest rooms in the Tuolumne Meadows Campground.

### ***Mather/El Portal District***

#### Housing Initiative Program

- o Insulated the walls of 18 Mission 66 houses in the Rancheria area and refinished the stucco on six of them.
- o Replaced the electric heating and air conditioning systems on four Mission 66 houses with gas heating/air conditioners.

#### PG&E Energy Improvements

- o PG&E funded the insulation of residence attics, crawl spaces, and piping; caulking and weather stripping doors and windows; installed water heater blankets, low-flow

shower heads, and energy efficient lamps in all houses in the district.

#### Hetch Hetchy Funded Projects

- o Opened the new Hetch Hetchy Backpackers Campground.
- o Remodeled the Mather Ranger residence into a Ranger Station/Office.

#### **ROADS AND TRAILS**

##### Equipment Replacement

- o Purchased dual drum vibrating roller to replace 1953 inoperable roller.
- o Acquired through Department of Defense excess equipment program, one each of the following: water truck, oil distributor truck, dump truck, and pneumatic roller.
- o Chip sealed 8.45 miles of the Big Oak Flat Road, from Crane Flat to Big Oak Flat Entrance Station.
- o Screened 5,000 cubic yards of donated material, which produced 1" minus base for future road maintenance. This screening plant was donated by the City of San Francisco through the Hetch Hetchy office.
- o Screened 2,000 cubic yards of sand from The Ahwahnee parking lot, which was an aftermath of a summer storm.
- o Trail crews replaced Yosemite Falls bridge and reconstructed approaches to the bridge.
- o Began first phases of reconstruction of Red Peak Pass and Lewis Creek Trails.

- o Completed six weeks of Horse School Training for region-wide cadets accepted as Mounted Patrol Rangers. Instructors were the packer foreman, and one supervisory ranger.

- o Several trophies and ribbons were received in competition by the Yosemite Packers in demonstration of skills at "Mule Days" in Bishop, California.

- o Work began on the new Sentinel Bridge construction by Federal Highway Administration.

#### **UTILITIES AND ENGINEERING**

##### High Voltage Electric Shop

- o In 1992, the Electric Shop oversaw the Electric Rehab Project in Yosemite Valley (437A-H), providing technical assistance, switching and the inspections of Phases V, VI, and VII. Phase V was completed in 1992, and Phase VII was started in 1992.

- o The shop completed electric service rehabilitation of the distribution system at the Wawona Hotel's various outbuildings and guest rooms.

- o The primary electric service at Union Point pump station was rebuilt with a new poly transformer bank and disconnects.

- o The Big Oak Flat Tunnel feeder needs complete rehabilitation, but construction to repair it will not happen in the near future, so six poles and related hardware to make it last another year or two were replaced.

- o All three of these major projects were paid through base funds to expedite their repair and prevent unscheduled failures.

### ***Radio/Electronics Shop***

- o In 1992, this shop was involved in the installation of the new fire radio system. Coordinated and installed remote mountaintop repeaters at Forest Service locations outside of park boundaries, and replaced the repeater at Mt. Hoffman.
- o Replaced the radio site structure located at Turtleback Dome. Installed over 100 mobile radios as part of the continuing upgrade of Yosemite's communications facilities.
- o Was involved with and assisted numerous search and rescue operations, as well as providing communications and assistance during emergencies in Yosemite.
- o Evaluated and suggested improvements to the telephone communications system which will result in the replacement of leased telephone equipment at a savings of \$200,000 over the next few years.

### ***El Portal Utilities***

- o Worked with Denver Service Center (DSC) on various ongoing projects, such as the El Portal apartments and maintenance/warehouse projects. Located lines and worked with designers, surveyors, and contractors installing test wells and making service connections to existing utility lines. Gathered and compiled data on the area for California and Federal Agencies for compliance projects. Worked with designers on plans for areas of existing utilities that were

being affected. This impacted our operation with approximately \$125,000 worth of costs in man-hours and parts needed for unexpected repairs.

- o Worked with Denver Service Center on various upcoming projects such as sludge disposal design for El Portal Waste Water Treatment Plant and El Portal community water system upgrade. This included doing tests on thickener, digester, clarifiers, sludges, and waste constituents for the treatment plant designers and also doing field work to help with design of water system and location of lines. This impacted our normal operation with approximately \$50,000 worth of costs in man-hours and parts needed for unexpected repairs.
- o Installed Variable Frequency Drive Units on the flow equalization pumps and return sludge pumps. Gained an initial \$8,000 in rebates and approximately a \$1,000-month savings.
- o Started receiving all septic wastes from Mariposa County at the El Portal Waste Water Treatment Plant. This was in response to the county's plea for help and their willingness to work with the park in other areas. Initially cost \$20,000 in construction and spare parts. This will cost approximately \$10,000 - \$15,000 a year in operations cost increases. Currently charging haulers and project \$35,000 - \$40,000/year in revenues.

### ***Backcountry Utilities***

Backcountry Utilities operates and maintains six water systems, five septic systems, four composting toilets and three comfort stations located in the wilderness areas of Yosemite.

- o Designed upgrades to bring all water and waste water facilities into compliance with federal, state, and local codes.
- o Was involved in several construction projects. Composting toilets are being built at Nevada Fall and Little Yosemite Valley. The design of these structures and composting tanks was accomplished.
- o Constructed a radio repeater building at Turtleback Dome, and a second building is underway at Henness Ridge.
- o Upgrading Merced Lake High Sierra Camp water system began with demolition of the old concrete sand filter and storage tank. A new chlorinator shed was built, including canister filtration, photovoltaic, DC electrical system, pump, and controls.
- o New water storage tanks were also put into service at the High Sierra Camp.

## RESOURCES MANAGEMENT DIVISION

### *Branch of Natural Resource Management*

#### Vegetation Management Program

Program Overview: In 1990, the Superintendent reassigned the prescribed fire function under the Fire Management Officer for an integrated structural, wildfire and prescribed fire program within the Protection Division. The Resources Management Division provides input to all fire prescriptions and provides resource advisors for wildfire activities and leadership for fire recovery plans. The hazard tree program was reassigned to the Maintenance Division based on guidance from the Regional Office, and an independent vegetation management program evaluation in 1991. Presently, the Impacts Mitigation Specialist oversees both the Vegetation Management Program and the Ecological Restoration Program. Staffing for both programs consists on the average of eight temporary technician and work leader positions funded by non-ONPS money.

- o Vegetation management and revegetation projects in Yosemite depend entirely on donated funds and special monies, with no base funding to support basic vegetation management needs, inventories, monitoring, and project implementation.
- o Currently, no ONPS funding goes to the Vegetation Management Program.
- o Special funding from the Federal Highways Administration (FHWA) amounts have decreased 50%.

Sequoia Grove Restoration: A boardwalk was constructed around the base of "Big

Red" in the Tuolumne Grove (\$30,000 from a non-profit funding source and completed by the Maintenance Division).

Fireline Restoration: The remaining two miles of fire hand line remaining from the 1990 fires were restored by NPS restoration staff with help from Yosemite Institute students. The last 2.5 miles of dozer-built fireline was obliterated using NPS heavy equipment. All fireline photo-points were retaken to assess the success of rehabilitation methods and to provide visual documentation for a preliminary fireline obliteration report to be written in 1993.

#### Threatened, Endangered, and Sensitive Plant Management

The Resource Management Division continued to review all projects with a potential for affecting sensitive plant species. A number of park projects were modified due to concerns about sensitive plants. No monitoring occurred due to a lack of base funding and staffing (Unfunded).

#### Exotic Plant Control

Bull thistle and common mullein populations were removed from approximately 85% of Yosemite Valley with the help of volunteer groups and Yosemite employees. Identification of the Yosemite Valley apple and pear tree varieties were made using fruit and tree characteristics. Contacts were made with groups interested in preserving historic varieties of fruit trees (Unfunded Resource Management project; use of volunteer groups).

## Black Oak Woodland Restoration

A ten-year restoration project plan was submitted and approved by the NEPA committee. The majority of field work was completed by Chevron Corporation volunteers consisting of work in two oak woodland areas of Yosemite Valley. Work included asphalt removal, eradication of social trails, seeding, planting and mulching, and protective fence construction. Photo-documentation was initiated and continued on all projects, and the status of oak seedlings and planted areas were recorded and added to a dBASE tracking program (\$30,000 from a non-profit funding source).

## Physical Restoration Program

Program Overview: Prior to 1990, an impacts mitigation and ecological restoration program did not exist in the park. The Superintendent set a priority for the Resource Management Division to establish this program and pursue non-ONPS funding sources for projects. Due to concentrated long-term use within the park, significant resource damage has occurred. These impacts have significantly altered the natural processes and ecosystems. These issues need to be addressed, funding needs to be obtained for restoration, and management policies adopted to protect these important ecosystems. Presently, the Impacts Mitigation Specialist (permanent 1.0 FTE) oversees both the Vegetation Management Program and the Physical Restoration Program. Staffing for both programs consists on average of eight temporary technician and work leader positions funded by non-ONPS money. Restoration projects in Yosemite depend entirely on donated funds and special monies, with no base funding to complete basic inventories,

continue monitoring completed project sites, and to build a professional permanent staff.

- o Currently \$37,500 of ONPS funding goes to the Restoration Program. This covers only 70 percent of the Impacts Mitigation Specialist position. The remaining 30 percent is covered by soft funding.
- o ONPS funding decreased 10%, and presently it covers only 70% of the Impacts Mitigation Specialist position. Prior to 1991, the position was fully covered by the ONPS.
- o Donated funding (Yosemite Fund and others) amounts have decreased over 65%.
- o Special funding from the Natural Resources Preservation Program (NRPP) amounts have increased the programs overall non-ONPS funding base by 44% to 58%.

## Merced River Restoration

Sections of stream bank along the Merced River at Lower River Campground at Housekeeping Bridge and at El Capitan Picnic Area were restored, and initial work was begun at the Devil's Elbow picnic area. Photo documentation and river cross-section surveys were completed, then riprap was removed, banks were recontoured, followed by replanting with thousands of willow and cottonwood cuttings and seeds from native grasses and forbs, and 1,500 feet of protective fence-line was constructed (\$160,000 from NRPP and \$20,000 from non-profit funding sources).

Wilderness Impacts Mitigation and Management: Thirty-two impacted camp-

sites were restored, 850 linear-feet of abandoned trail was back-filled and planted with native plant materials, and several large barren areas that had been under bear cables were restored. Thousands of transplants and propagules were planted on restored sites. Site surveys were conducted at four locations targeted for restoration in 1993. All projects were completed with NPS restoration staff supervising volunteer groups from the Sierra Club, Yosemite Association, Youth Conservation Corp, Student Conservation Association, and general park staff (\$60,000 from non-profit funding source).

#### Video Taping

This season's restoration projects have been video documented along with work in other divisions and other parks. Three documentation videos were completed this year -- wilderness road removal, Merced River restoration, and the El Capitan Dump removal and restoration (unfunded).

#### Federal Highways Revegetation

- o The Sentinel Bridge revegetation and restoration plan was written and plants were salvaged from the new bridge and old bridge sites. Photo documentation points were set up to monitor progress of the construction project, and rehabilitation work and construction began in the fall.
- o The Glacier Point Road, Phase I, project revegetation and restoration plan was written. Seeds from nine native plant species and hundreds of cuttings were collected and sent to contract nurseries for propagation.

- o The Tioga Road project was reviewed by several DSC/FHWA on-site teams, and revegetation and restoration plans were written along with specific contract specifications. Construction work is scheduled for 1993 (\$92,340 from Servicewide Development Construction Program (SDEV) funding source).

### *Wildlife Management Section*

#### Program Overview

Prior to 1990, the park's wildlife program consisted primarily of a crisis-oriented bear management program with only two seasonal technicians (0.4 FTE) to handle over 600 annual human/bear incidents parkwide. Since then, responsibilities have expanded into more comprehensive wildlife management programs including threatened, endangered, and sensitive species, exotic species, preventative bear management, habitats, aquatic ecosystems, environmental compliance, wildlife disease/public health, and wildlife data. Interaction and cooperation with other park divisions and other governmental agencies have also increased to more adequately address threats to wildlife resources.

These expanded responsibilities have been largely undertaken with no proportional increase in ONPS funding to support them. Increasingly, basic wildlife management in Yosemite depends upon donated funds and special project monies.

- o In 1990 and 1991, less than 10% Wildlife Management Section funds were non-ONPS. In 1992, approximately 47% of section funds were non-ONPS funds; over 46% of these funds came from donated money.

- o Permanent wildlife positions (2.2 FTEs), previously covered entirely by ONPS funds, depended on non-ONPS funds for 20% of their support in 1992.
- o Over 60% of wildlife ONPS funds were expended in support of bear management, which continues to be dominated by crisis management rather than preventative management through investment in long-term solutions.
- o Monitoring and protection of Threatened and Endangered Species, including peregrine falcons, great gray owls, and bighorn sheep, depended entirely on donated funds in 1992.
- o In 1992, the Aquatic Resources Management Program continued without ONPS support, funded entirely through regional special project money and donated funds.

#### Human/Black Bear Management

In 1992, 749 human/bear incidents were reported, with \$166,538 in property damage; an increase of 25% in number of incidents and a decrease of 11% in property damage from 1991 levels. Vehicle damage accounted for 84% of all property damage. A majority of frontcountry incidents occurred in Upper, Lower, and North Pines campgrounds where only about 20% of the campsites have bear-proof food lockers. In response to park-wide incidents, a total of 33 bear captures were made by management personnel. Twenty-three of these captures involved translocations of bears to less developed areas of the park. Five bears were killed after repeated translocations failed and the bears continued highly aggressive and/or destructive behavior. The Wildlife Management Section coordinated

the repair of approximately 250 bear-proof food lockers in park campgrounds, and the installation of approximately 50 lockers in Upper Pines Campground after they were removed from Tenaya Campground which was closed. Training in bear management was provided to 29 park personnel during a three-day summer session. Four captured bears were fitted with radio collars and were monitored to obtain data on the effectiveness of translocation and habitat use in developed areas. Efforts were coordinated with the park concessioner to implement the use of bear-resistant food canisters for backpackers through a program of sales and rentals, and to address the problem of bear-caused car damage in lodging area parking lots. A new program for collecting backcountry bear incident reports was implemented, allowing visitors to fill out and submit reports enclosed with their wilderness permits (\$30,000 ONPS; \$31,300 Cyclic Maintenance; \$2,500, non-profit donation).

#### Fisheries Management

Wildlife Management personnel coordinated and provided logistical support for U.S. Fish and Wildlife Service and California Department of Fish and Game projects to evaluate fish populations and their habitat in the Merced River. Sections of river adjacent to river bank restoration projects and in control areas were snorkeled to census fish, and habitats were measured and mapped to provide baseline data that will be used to evaluate subsequent aquatic changes. Wildlife Management support for these projects included maintaining communication among agencies, coordination of projects, administration, arranging accommodations, volunteer coordination, development of interpretive displays, and crowd control during data collection. The U.S. Geological

Survey conducted the first season of field work in a study of invertebrates in the Merced River. New fishing regulations, designed to protect native rainbow trout in the Merced River, were put into effect with information provided to park visitors and staff (\$21,500 NRPP, \$5,000 non-profit donation).

#### Peregrine Falcon Management

Four months of continuous monitoring was provided at known peregrine falcon aeries in the park during the spring and summer. This monitoring provided data on distribution and success of nesting falcons and protected aeries from human intrusion. Only one active aerie was discovered in the park at Hetch Hetchy Reservoir. This site produced two young, which continued a trend of decreasing success there. In late summer, eggshells were collected from the aerie to determine if this trend is the result of pesticide-induced eggshell thinning. Results from these tests are pending. The discovery of two adult peregrines and their newly fledged young in the vicinity of Yosemite Point indicated that a previously-unknown aerie was located there. A pair of falcons was present at the historic site on El Capitan, but no reproduction occurred due to immaturity of the female. A single, unpaired female peregrine was seen frequently around Half Dome and Glacier Point (\$12,500 non-profit donation).

#### Great Gray Owl Management and Monitoring

Field work April through June located a total of 17 great gray owls in eight major meadow systems in the park. This included three nesting pairs. At Crane Flat, two young were fledged, and a nest at Summit

Meadow produced one young. Another nest was initiated at McGurk Meadow but was abandoned in early incubation for unknown reasons. A protocol was written to guide future monitoring efforts (\$6,000 non-profit donation).

#### Bighorn Sheep Management

Monitoring efforts July through September found 69 to 72 bighorn sheep in the re-introduced Lee Vining Canyon population. This was a 10% to 14% increase over last year's total estimate of 63, and includes sixteen lambs born in 1992. No mortality was confirmed, but eight to 11 sheep were estimated as missing. This, however, is likely an overestimate due to difficulty in locating rams. Only five of 36 radio collars on the sheep were functioning during the monitoring period, which made accurate census of the herd difficult. A protocol was written to guide future monitoring efforts (\$11,000 non-profit donation).

#### Inventory and Monitoring of Disappearing Amphibians

NPS Western Region researchers were assisted in evaluating the present distribution and abundance of amphibian species as compared to Grinnell and Storer's 1914-1920 work. Data were provided from the Wildlife Observations Database to guide search efforts and to supplement collected information. Preliminary results indicate significant declines in populations of some amphibian species (unfunded).

#### Inventory and Monitoring of Bat Species

Bat researchers Elizabeth Pierson and William Rainey conducted a three-day preliminary survey of bats in the park in

August. Among the species found were spotted bats and western mastiff bats, each known from fewer than 20 localities in California and both Category 2 species. Data from the Wildlife Observations Database were provided to assist the researchers' efforts, and park biologists coordinated the survey and provided logistical support. A proposal for a more extensive bat survey and workshop for park staff in 1993 was formulated (unfunded).

#### Threatened, Endangered, and Sensitive Wildlife Species Monitoring

Compilation of data on wildlife observations in the park continued in 1992 with the addition of approximately 2,500 entries, bringing the database total to nearly 8,000 observations. This included both current and historical observations of various mammal, bird, reptile, and amphibian species. Up-to-date park lists of mammal, reptile, and amphibian species were compiled, with emphasis on showing the numbers of threatened, endangered, and sensitive species in Yosemite (\$8,000 non-profit donation).

#### Mule Deer Management

Park biologists assisted with interagency censuses of mule deer on winter habitat adjacent to the park. Three cases of minor deer-caused injury to humans were reported from Wawona and protection personnel from that district were provided with advice to mitigate further conflicts. In cooperation with Wawona Protection, clearance for construction of a fence between the road and golf course in Wawona was obtained and construction was begun to keep deer and humans apart in that area (unfunded).

#### *Branch of Planning, Compliance, and Physical Sciences*

Program overview: The branch was established in June 1991 with the hiring of a Physical Sciences Specialist position and the conversion of the seasonal air quality technician into a permanent position (two permanent FTEs and \$45,500 were added).

- o The air quality position was operated with seasonal technicians until 1991 impacting the continuity of the program. The position remains soft funded through NPS Air Quality Division and State of California.
- o The Underground Storage Tank and Hazardous Materials Program was transferred from the Maintenance Division to Resources with no additional FTEs or funding.
- o The park planning function for all of Yosemite was moved from the Maintenance Division to Resources with no additional FTEs or ONPS funding and the funding for the Branch Chief/Planner absorbed by the existing natural resources ONPS base.
- o The scope and complexity of the air, water, hazardous materials, and compliance program require a staff.
- o The physical science specialist was hired to oversee water resource issues and the air quality program and to assist with park NEPA compliance. Other duties, primarily the underground storage tank and Hazardous Materials Program, have severely curtailed his ability to oversee air quality and assist with compliance.

- o To effectively manage NEPA compliance along with planning responsibilities the branch chief has documented the need for an additional FTE to oversee the air quality operation and assist with park compliance activities.

### Planning and Compliance

Coordinated the planning and compliance with the Denver Service Center (DSC) for the Housing Plan/EIS and assisted with the Concession Services Plan/EIS and its Record of Decision. Consulted with Western Regional staff and other state and federal compliance agencies on applicable compliance documents. Assured all in-park and other agency plans/compliance documents were properly reviewed. Assisted all park divisions on planning/project/compliance procedures. Began work on park's Statement for Management with a mid-year projected completion date. Coordinated the 1992 computer assisted Resources Management Plan and assisted on the draft Resources Management Plan. Led the employees in the physical science programs (\$55,800 ONPS).

### Water Resources Program

Coordinated water resources protection efforts throughout Yosemite. Provided water resource information to the general public, the media, Cooperative Park Study Units, and other NPS Divisions in the park. Instructed water resources/water quality protection courses to the Wilderness Management Unit and the Tuolumne Sub-District Watershed Unit. Presented a water resources seminar at Yosemite Association symposium for local high school teachers. Developed and maintained cooperative agreements with academic institutions and

regulatory agencies.

Reviewed Draft Water Resources Management Plan for completion. Began compiling additional resource information for the draft plan including: drought, flood, wetlands, and water rights (\$3,400 ONPS).

### Water Quality Monitoring and Evaluation

High Visitor Use Areas: Five lakes which receive high visitor use were monitored and evaluated for fecal bacterial concentrations in 1992. One control lake, with low visitor use levels, was also monitored to provide a baseline reference. Conducted verification monitoring and evaluation for the parasitic amoeba *Nagleria fowleri* in a high visitor use area in Yosemite Valley after its presence was found in a 1986 study. Two locations of Yosemite Creek were monitored throughout the 1992 summer season. A cooperative agreement with Nebraska State University, Department of Biology, was arranged for donation of the necessary laboratory and analytical services (\$10,500 ONPS).

### Water Quantity

Diversion Impacts Assessment - Completed hydrological assessment of Canyon Creek drainage to determine if surface water diversions are effecting the aquatic ecosystem of the creek. Water Availability Investigation: Continued to coordinate Geological Survey and National Park Service functions surrounding the Wawona water availability study. For the Wawona study, the branch provided the Denver Service Center and other park Divisions with consultation regarding over-all project status, technical issue interpretation and validations for emergency procurement.

Completed inventory of all hydro-geological well logs for domestic supply wells within Yosemite (\$2,300 ONPS).

#### Wetlands and Floodplains Inventories:

Wetlands Inventory and Mapping - Coordinated ground-truthing reconnaissance of park wetlands for US Fish and Wildlife Service completion of National Wetlands Inventory. Wetlands Management Planning - Completed wetlands/floodplain reconnaissance for proposed development and earth work in the El Portal Administrative Site near El Portal and Foresta Roads. Compiled and cataloged applicable wetlands regulatory, delineation, and compliance documents (\$1,200 ONPS).

#### Water Resources Program Publications and Reports

##### Final Reports:

- o Water Quality - Monitoring and Evaluation, 1992, Five High Visitor Use Areas, Yosemite National Park
- o Proposed Earth-work - Hydrological and Wetland Impacts, Old El Portal, Yosemite National Park Administrative Site, 1992

##### Draft Reports:

- o Hydrological/Biological Evaluation of Canyon Creek, Yosemite National Park, 1992
- o Water Quality - Monitoring and Evaluation, 1992, *Nagleria fowleri* Amoeba, Yosemite Creek, Yosemite National Park, 1992.

#### Environmental Contamination Program

Coordinated environmental contamination remediation/prevention efforts for the park. Completed correspondence with regional representatives, regulatory agencies, legal council and professional consultants. Formally represented the park during Inspector General audits for the Department of the Interior and the Environmental Protection Agency. Conducted monitoring of park concessionaire environmental contamination programs. Performed document accuracy and compliance review for all consultant reports and services. Developed and managed contracts covering site cleanup, annual underground storage tank testing, and underground storage tank removal (\$11,200 ONPS).

#### Underground Storage Tanks (UST)

Maintained thorough inventory and records regarding the status of all underground storage tanks and contaminated UST sites within in the park, including all those operated by the YP&CCo., the NPS, Pacific Bell, and all other entities. Completed UST inspections with regulatory agencies as required for annual operating permits.

#### UST Inventory Reconciliation and Annual Integrity Testing

Coordinated the UST inventory and reconciliation program for the park. Made alterations to network software and corrections to the multi-user data base as needed to provide for accurate accountability of fuel in all regulated underground storage tanks. Developed specific technical specifications, plus, coordinated and monitored the annual integrity testing contract for 17 active USTs.

## Underground Storage Tank Removal

Developed specific technical specifications, plus coordinated and monitored the contract for removal of six underground storage tanks (UST6).

## Contaminated UST Site Remediation/Natural Resource Damage Assessment

Completed photo ionization detector and visual site assessments for six sites where unauthorized releases of petro-chemicals occurred. Completed unauthorized release forms for each. Provided critical review and contractor guidance in development of three Site Contamination Work Plans, five Preliminary Investigation and Evaluation Reports, and five Soil Remediation Plans. Prepared drafts for 13 Site Closure Requests and completed four Quarterly Status Reports covering 19 leaky UST contaminated sites. Reviewed all reports and plans submitted by all other UST operators in the park with recognized environmental contamination. Directed and monitored cleanup and remedial activities at 13 NPS leaky UST contaminated sites. Observed and evaluated cleanup actions and program compliance of other remedial systems and programs operating in the park (\$14,700 ONPS).

## Comprehensive, Environmental Response Cleanup and Liability Act (CERCLA/Superfund)/SARA

Acted as a technical advisor for emergency response hazardous materials releases for nine incidents in 1992. Conducted notification protocol and completed preliminary site summaries. Provided advise for selection of appropriate corrective and remedial actions for these incidents. Composed and developed emergency

remedial action contracts for procurement of services in response to two emergency incidents which were significant enough to warrant immediate and direct action. Scheduled preliminary site visits and monitored contractor performance. Natural Resource Damage Assessments: Monitored cost and expenses required for implementing remedial and corrective actions for four significant emergency response hazardous materials events. Site Assessments: Coordinated consultant assessment for three CERCLA sites currently under investigation. Investigated potential contamination at four additional sites to be investigated in 1993. Site Cleanup/Remedial Action: Reviewed consultant recommendations for remedial actions at three CERCLA sites and provided comments and recommendations for improving cleanup process (\$9,300 ONPS).

## Storm Water Pollution Prevention

National Pollution Discharge Elimination System (NPDES) Permits: Assisted consultants in evaluating if the NPS maintenance facility in Yosemite Valley is required to obtain NPDES permits. Storm Water Pollution Prevention (SWPP) Plans: Outlined plan requirements (i.e best management practices, waste discharge requirements, Notice of Intent for SWPP - 4/1/92, SWPP Sampling Plan 10/1/92) (\$3,110 ONPS).

## Oil Pollution Act - 1990 (OPA 90)

Assisted the Visitor Protection Division in completing a draft Oil Pollution/Hazardous Materials Response and Contingency Plan. Defined incident response and emergency response team roles and functions. Established preliminary protocol for use in tracking expenses for natural resource

damage assessment and valuation. Identified requirements for compliance with Spill Prevention Control and Counter Measure Plans (\$2,800 ONPS).

Environmental Contamination Program Reports to EPA, California Water Resources Control Board and Mariposa County and/or the IG for Interior and EPA:

Final Reports:

- o Quarterly Status Report for Underground Storage Tank Sites, First Quarter 1992, National Park Service, April 15, 1992.
- o Quarterly Status Report for Underground Storage Tank Sites, Second Quarter 1992, National Park Service, July 15, 1992.
- o Quarterly Status Report for Underground Storage Tank Sites, Third Quarter 1992, National Park Service, October 15, 1992.
- o Quarterly Status Report for Underground Storage Tank Sites, Fourth Quarter 1992, National Park Service, January 15, 1993.
- o Site Contamination Work Plan, Tuolumne Meadows - NPS Fueling Station, Yosemite National Park, Ace Pacific, April, 1992.
- o Site Contamination Work Plan, Yosemite Valley - NPS Machine Shop, Waste Oil, Yosemite National Park, Ace Pacific, September, 1992.
- o Site Contamination Work Plan, El Portal - Barium Mill Site, Yosemite National Park, Ace Pacific, December, 1992.
- o Preliminary Investigation and Evaluation Report, Yosemite Valley - Medical

Clinic, #49, Yosemite National Park, Ace Pacific, September 1992.

- o Preliminary Investigation and Evaluation Report, Yosemite Valley - NPS Warehouse, Yosemite National Park, Ace Pacific, September 1992.
- o Preliminary Investigation and Evaluation Report, Tuolumne Meadows - NPS Fueling Station, Yosemite National Park, Ace Pacific, November, 1992.
- o Phase II Site Assessment, Yosemite Valley Maintenance Yard and Storm Drain Outlet, Yosemite National Park, California, Harding Lawson Associates, October 13, 1992.
- o Site Summary and Evaluation of Mitigation Options, El Portal, Barium Mine Tailings Site, Yosemite National Park, California, Harding Lawson Associates, October 9, 1992.
- o Results of Site Remediation Program, Substation No. 2, Yosemite National Park, California, Harding Lawson Associates, June 8, 1992.
- o Project Report, Merced River Drum Removal Project, Yosemite National Park, California, Ruby Dome Inc., November 1992.

Integrated Pest Management Program

Completed 10-21A forms for 22 regulated compounds to be used in the park. Submitted emergency request for 10-21A approval for compound to control ticks and fleas associated with two separate cases of relapsing fever that occurred in the park. Evaluated and advised for use or non-use of

six non-IPM chemical compounds ranging from road de-icers to fugitive dust control mixtures.

- o Maintained pesticide use logs for NPS and Concessionaire pest abatement programs. Monitored Concessionaire and other contractors operating within the park to insure full compliance with IPM protocol. Advised contractors on most appropriate methods for pest control in restaurants, stable operations and visitor accommodations (\$5,390 ONPS).

**Air Quality Monitoring and Management:** Air quality data was collected on ozone, visibility, and particulates. Second year data was collected on ozone bio-effects study. A continuous pm-10 sampler (a TEOM) was purchased in cooperation with prescribed fire. The TEOM was used to evaluate an experimental restriction on evening campfires and prescribed and wildfires. Resources Management staff presented data on the days the park exceeded the state standard for ozone to Mariposa County Board of Supervisors and California Air Resources Board (CARB). CARB designated the mountain counties, including Yosemite, as non-attainment for ozone. Participated in the Federal Clean Air Partnership (\$19,500 from NPS-AQD and \$5,800 from CARB).

**Acid Deposition Monitoring:** Continued Acid Deposition Monitoring pursuant to an agreement with California Air Resources Board (\$3,000 from CARB).

## ***Branch of Cultural Resources Management***

**Program Overview:** Archeological program started in early 1980's, focused on GMP compliance, and grew to having an assistant and part-time secretary, with staff of field archaeologists supported by project funding. In 1990, it was integrated into Resources Management Division. Organization remains largely the same. A historian position has been created but never encumbered.

**Branch and Program Staffing and Funding:** The Branch Chief, Cultural Resources position lapsed in 1991 and was filled by a temporary detail in 1992 (Linda Greene - four weeks from mid-June to mid-July (\$8,500 Parkbase), and four weeks in August (Denver Service Center (DSC) funded).

- o Acting Branch Chief focused on recommending future direction for the Branch, an integrated program for the Division, and specific compliance recommendations for broad projects such as the Merced River Restoration program.
- o Base funding for the Cultural Resource Program decreased in 1992 from the 1991 level of \$100,636 to \$63,500.
- o 1991 funding level supported a permanent full-time (PFT) Park Archeologist and Cultural Resources Branch Chief (GS-12), a PFT Assistant Archeologist (GS-9), and six months of a Clerk-Typist (GS-4). In 1992, 85% of the Branch Chief/Park Archeologist salary lapsed, the Assistant Archeologist was promoted to Archeologist (GS-11), and the Clerk-Typist was promoted to the GS-5 level.

## Archeological Synthesis

Convened a panel of private California and NPS archeologists to explore possibilities, methods, and limitations of conducting an archeological overview and synthesis for the park. Based on this scoping, a project statement and 10-238 were prepared for FY93 funding (\$2,500 from DSC-Construction and FHWA).

## Archeology Theme for Geological Information System

Transferred archeological site and project boundary plots from existing 15-minute USGS topographic quadrangle maps to 7.5-minute quadrangle maps, verified site locations and UTM coordinates, and purchased supplies to create mylar overlays. Work will continue in 1993, consisting of plotting isolated finds, creating mylar overlays, and digitizing information into GIS (\$6,500 from non-profit donation).

## Archeological Clearance Program

Archeological clearance surveys, data review, and consultations were completed for park projects; six archeological clearance survey reports were completed for filing with the Western Archeological and Conservation Center for park projects; categorical exclusions (NEPA) were provided with cultural resource management (CRM) consultations; and Environmental Assessments were provided with CRM consultations (\$20,000 from ONPS).

**Dana Meadows Testing:** Excavation at nine sites along the Tioga Road in the Dana Meadows area, in support of YOSE Pkg 146 - Reconstruct Tioga Road. The project research design, fieldwork, fieldwork

summary report, and preliminary laboratory analysis were completed in 1992. Final analyses and report preparation are scheduled for 1993 (\$52,000 from FHWA).

**Wawona Road Survey:** Inventory of cultural resources along the Wawona Road corridor was completed, in support of planned road improvements (YOSE Pkg 565 - Reconstruct South Entrance Road). Twenty cultural resource sites were identified and recorded (eight historic and 12 prehistoric). Inventory also included documenting ten historic features, some of these structural features associated with the old Wawona Road, some isolated features such as water conveyances, trails, etc. A fieldwork summary report has been prepared, with final report preparation scheduled for FY93 (\$5,000 from DSC-Construction).

**Upper Tioga Road Survey:** Inventory of cultural resources along a 0.75-mile section of Highway 120 north from the Tioga Pass Entrance was completed, in support of planned road improvements (YOSE Pkg 146A - Reconstruct Tioga Road). Two archeological sites were located and recorded, both small seasonal villages or house sites. A fieldwork summary report has been prepared, with no additional work planned (\$2,000 from FHWA).

**Backcountry Surveys:** Survey of areas planned for wilderness impacts restoration was accomplished: Ten Lakes Basin, Tuolumne Meadows/Glen Aulin Trail, Fletcher Lake, and Young Lakes. A total of 182 hectares was surveyed, with ten "new" sites located and recorded, and 14 previously known sites checked and records updated; and a fieldwork summary report was prepared (\$15,000 from non-profit installation).

**Publish Archeology Fire Report:** Published and distributed 100 additional copies of the Foresta Post-Fire Survey and Evaluation report, originally funded through Fire-pro (\$2,000 through special regional funds).

**Little Yosemite Valley Subsurface Survey:** Subsurface survey at a site cluster in Little Yosemite Valley was undertaken to provide cultural resources information for planning the Merced River Restoration and campground relocation. Two previously distinct sites were found to be a single, larger resource with continuous subsurface remains not evident on the ground surface (\$800 from ONPS).

**Royal Arches Fireline Survey:** Survey of areas planned for fire containment line construction were examined for cultural resources during the Royal Arches Fire. No resources were discovered (\$500 from fire accounts).

**Tuolumne Grove Road Fireline Survey:** Survey of areas planned for fireline construction were examined for cultural resources in preparation for the Tuolumne Grove Prescribed Burn. No resources were discovered (\$300 from fire accounts).

**Ostrander Fireline Survey:** Survey of areas planned for fireline construction were examined for cultural resources during the Ostrander Fire. No resources were discovered (\$1000 from fire accounts).

**Harden Fireline Survey:** Survey of areas planned for fireline construction were examined for cultural resources during the Harden Fire. No resources were discovered (\$1,000 from fire accounts).

**Wawona Timbersale Monitoring:** Cultural resources monitoring was provided during hazard tree removal and sale in Wawona to ensure archeological site avoidance (\$3,500 from maintenance temporary operating funds).

**Dome Fireline Survey:** Survey of areas planned for fireline construction were examined for cultural resources during the Dome Fire. No resources were discovered (\$1,000 from fire accounts).

**Valley Electric Rehabilitation Monitoring, Phases VI & VII:** Archeological monitoring was conducted during trenching for subsurface utility lines for Phases VI & VII of the Valley Electric Project. Phase VI trenching requiring monitoring was completed in 1992, resulting in several revised site boundaries in the Yosemite Village area. Work has been stopped on Phase VII due to contract disputes; monitoring will continue in 1993. This project also includes analysis and write-up of data recovery excavations in support of Phases VI & VII (\$10,000 from DSC-Construction).

**Archeological Monitoring, Construct Employee Housing Phase II:** Archeological monitoring was completed for Phase II of employee housing construction in El Portal. Project also includes completion (projected for 1993) of the final report for archeological testing conducted in support of Phases I & II housing construction (\$3,000, DSC-Construction).

**El Capitan Dump Data Recovery:** Monitoring during dump cleanup, artifact analysis, and draft report preparation was completed in 1992 (\$2,600 from Natural Resources temporary park operating funds).

Complete 1991 Hetch Hetchy Survey documentation: Finalized site survey records and site maps, entered into computerized site-file database and digital map files. Prepared summary report detailing fieldwork methods, results, and treatment recommendations. Cataloged artifacts and prepared for museum accession. Awaiting final analysis of bone fragments (possibly human) prior to report distribution (\$4,000 from Regional ARPA funds).

#### Cultural Resource Publications and Reports

##### Final Reports Published:

- o Archeological Survey and Post-Fire Surface Evaluation of the Foresta, Big Meadow, and McCauley Meadow Areas, Yosemite National Park, California, by Kathleen L. Hull. Yosemite Research Center Publications in Anthropology No. 11.

##### Draft Reports Prepared:

- o Data Recovery Excavations at CA-MRP-358 in El Portal, by Suzanna Montague.
- o Eastern Tioga Road Survey, by W. Joseph Mundy.
- o El Capitan Dump Excavations, by Timothy Kennedy.

##### Fieldwork Summary Reports Prepared:

- o Dana Meadows Test Excavations, by Suzanna Montague.
- o Wawona Road Survey, by Timothy Kennedy.

- o Data Recovery Excavations at CA-MRP-240/303 and MRP-825 in Yosemite Valley, by Timothy Kennedy.
- o 1992 Backcountry Surveys, by Scott Jackson.

##### Archeological Research Designs Prepared:

- o Dana Meadows Archeological Testing Project, by Suzanna Montague.

#### *Research*

**Vegetation Inventory and Classification:** An additional 53 field sites were sampled for species composition and vegetative cover, bringing the total number of sample points to 313. Data from 85% of the plots were entered into a relational database in preparation for analysis (\$50,808 Regional Project Funding).

**Vegetation Type Mapping:** During the year the principal field investigator verified the accuracy and utility of the old 1930's vegetation map. Steps were initiated to geometrically rectify this map so that it can be used for segmenting portions of the park on the satellite imagery. All sources of imagery were searched and a 1990 image that has been geo-referenced to the 7.5 minute DEM's will be used (\$17,700 Donation).

**Global Climate Change Effects on Plants:** A hectare-sized permanent reference stand was established in red fir with a total of over 1600 trees mapped, measured, and tagged. Data from the site will contribute stand structure information to stand dynamics models now in development. The site will also serve as a site for monitoring long-term ecological change. Tree core samples to be used for describing long-term,

past climate patterns were collected from white fir-mixed conifer and tree-line areas (\$34,662 from Servicewide Global Climate Change Funding).

**Status of Mid-Sized Carnivores:** During the past year, we sampled at 84 sites. Each site remained in place for 14 consecutive days and was checked every other day, except on weekends. We sampled vegetation characteristics at each site. These data were entered in computerized databases. We recorded visits by pine martens 29 times at 16 different sites. We recorded 12 visits by gray foxes. Other species that visited our sites were bears, marmots, skunks, shrews, and pack rats. Of these, bears were the most frequent visitor. We did not record any visits by fishers or red foxes. Preliminary results also suggest that fishers and red foxes may be more scarce than previously thought. They also suggest that deer mice and squirrels are widely distributed throughout the study area. Without a more intensive trapping effort, however, we cannot determine if their densities are capable of supporting fisher and red fox populations (\$36,104 donation from non-profit organization).

**Fuel Dynamics:** During the past twelve months, significant progress was made in the data collection portion of the study. All of the fuel samples collected during 1991 from the 116 plots in Yosemite as well as the 31 plots in Sequoia and Kings Canyon were sorted by species and size class and weighed. The data have not yet been entered into the database, however. Spring collections were completed by June 1, 1992, and laboratory processing of these samples is currently underway. From Yosemite, 28 plots have been sorted and weighed, 52 plots have been sorted but not weighed, and 36

plots remain to be sorted. Samples from the 31 Sequoia and Kings Canyon plots need to be sorted and weighed. The 1992 fall collections are almost completed with only 16 of the Yosemite plots still to be collected. All of these samples need to be sorted and weighed. The fall samples from Sequoia and Kings Canyon have been collected but have not been received for sorting and weighing. All of the 1992 data need to be entered into the data base (\$6,167 Regional-NR-SCI Funding and \$40,000 DOI Fire Coordination Committee).

**Rock Fall Hazard Prediction Modeling:** During the past year, all of the rock falls recorded during 1991 were dated and placed on maps. Field reconnaissance resulted in complete location of all potential source areas using rock type, slope, and joint formations. These were then verified and placed on maps to form a complete picture of potential rock fall hazards. Additional effort was made to write up the results in a professional paper which is now in review (DSC support/funding).

Attached is the funding history's changes for 1990-1993 (page 43a)

**PHYSICAL RESTORATION & VEGETATION MGMT. PROGRAM FUNDING HISTORY**

<u>Source/Project</u>	<u>FY90</u>	<u>FY91</u>	<u>FY92</u>	<u>FY93</u>	<u>FY94</u>
<b>ONPS:</b>					
0.7 PFTE	--	41,700	37,500	37,500	
<b>FHWA:</b>					
Glacier Pt. Rd.	79,850	53,503	30,000	(17,750)	
Sentinel Bridge	50,990	51,032	43,020	28,400	
Big Oak Flat Rd.	47,650	10,250 (completed)	--	--	
Tioga Road	--	--	19,320	58,500	
-----					
ST =	178,490	114,785	92,340	86,900	
<b>YOSE Fund:</b>					
Wilderness	80,000	50,000	60,000	30,000	
Black Oaks	70,000	50,000	30,000	(45,000)	
Stoneman Mdw BW	--	44,302	--	--	
Old Glacier Pt. Rd.	--	10,000	--	--	
Lower River CG	--	35,000	20,260	--	
Little Yosemite Valley	--	--	--	10,000	
RM Div. Video	--	--	--	15,000	
Happy Isles Trail Reroute	--	--	--	16,000	
-----					
ST =	150,000	189,302	110,260	71,000	
<b>NRPP:</b>					
Merced River	--	--	160,000	220,000	318,000
<b>The Park Foundation:</b>					
Sentinel Mdw BW	45,000	--	--	--	
<b>WD40 Grant:</b>					
El Cap Dump	--	51,000	--	--	
<b>TOTALS:</b>	<b>373,490</b>	<b>355,087</b>	<b>362,600</b>	<b>377,900</b>	
(non-ONPS)					

## ADMINISTRATION DIVISION

The Personnel Officer served as Acting Administrative Officer until June 1992.

### *BUDGET AND FISCAL*

The Federal Financial System (FFS) which the park converted to in October 1990 became more responsive to needs. ONPS was overspent by \$80,000. The overage was covered internally. FTE usage continued to increase. We used an additional ten FTEs in FY92.

Park-wide funding for fiscal year 1992 was as follows:

Superintendent:

\$423,746 ONPS

\$23,086 other

5.0 FTEs

Safety:

\$144,961 ONPS

\$111,117 other

1.5 FTE

Concessions:

\$186,046 ONPS

\$0 other

5.22 FTEs

Protection:

\$3,628,366 ONPS

\$1,232,166 other

149.1 FTEs

Administration:

\$1,513,645 ONPS

\$0 other

45.56 FTEs

Resources:

\$512,611 ONPS

\$291,011 other

26.82 FTEs

Interpretation:

\$1,165,900 ONPS

\$183,178 other

41.5 FTEs

Maintenance:

\$7,232,831 ONPS

\$1,179,851 other

227.3 FTEs

Total:

\$14,808,106 ONPS

\$3,020,409 other

502 FTEs

### *HOUSING*

There will be an estimated 21 two-bedroom apartments ready for occupancy in March 1993. Six additional apartment units are under construction with construction of an additional eight units scheduled for late FY93.

The 95% Preliminary Report for Phase III EL Portal housing was completed in the second quarter of FY93. Construction is expected to begin on 26 single-family homes in Rancheria Flat in FY94. A prototype passive solar home has been designed and approved in the scope of this project.

During FY92, 504 new assignments were made into 384 government housing units. Housing rental income for FY92 was \$584,640 for permanent employees and \$6,448 for seasonal and other employees.

The 1992 rental-rate adjustment schedule included a 10% cap on all government quarters as of the September 1991 rate that had been in effect. This exercise resulted in approximately 30% of the rents being capped. Rental rate adjustments in February 1993 resulted in an income increase of \$175,000 this fiscal year despite the 10% cap imposed on bi-weekly, out-of-pocket rental collections.

## ***PERSONNEL***

### **Staffing**

The National Park Service Job Fair provided the State Employment Office and private job center counselors, park employees, and the public with career information. Assistance came from park employees representing many of the major park career options.

### **Classification**

The park has established a Position Management Review Committee comprised of division chiefs to strengthen the park's Position Management Program.

Of the 30 back-pay claims made by employees claiming differential pay for stand-by duty, 15 have been processed to completion and 15 are still being processed.

### **Employee Development**

Major inter-divisional training included OPM's Pre-Retirement Counseling, OPM's People Skills for Supervisors and Managers, and the Hazardous Waste Handling and Management. The park also contracted to bring an asbestos abatement and safety class as well as a scaffolding safety class on-site.

## ***INFORMATION MANAGEMENT***

The park divisions were assisted in the procurement and installation of 25 new personal computers. Continuing support for employees using the park's 180 personal computers was provided.

- o Enhanced productivity and efficiency of network operations by installing a new file server, increasing network storage

capacity to 1.2 Gb, upgrading the network operating system to Novell Netware ver. 3.11, and implementing a new network user interface. Participated in the Servicewide conversion from Seadog to CC:Mail. Implemented a small peer-to-peer network for the CAD operation in Maintenance. Developed a wide-area network (WAN) plan for continued improvement of the park computer network.

- o Developed requisition and archeological site tracking applications. Enhanced existing utility billing, laborer certificate, SF-52 preparation/tracking, and underground storage tank applications.
- o Continued development of specifications for the El Portal Supply Management System. Helped acquire funding and began developing specifications for an Automated Wilderness Information and Quota System.

## ***CONTRACTING***

- o Twenty contracts were awarded and administered during the year. Most of the contracting was in hazardous waste, i.e., removal and cleanup of underground storage tanks and contaminated soils, asbestos abatement, and hazardous waste disposal.
- o Contracting processed a total of 155 contract actions totaling \$2 million during the year.
- o Fourteen NPS-20 agreements were established. Two of these were for purchase and operation of an electric shuttle bus.
- o A contract was awarded to Pacific Bell for the installation of CENTREX service.

This replaced the Dimension 400 switch and provided more than double the telephone lines and improved the transmission and reception quality.

- o The contracting procurement clerk and the small purchases procurement clerk cross-trained to enable them to remain current in both fields.
- o Denver Service Center Project Coordination responsibilities were moved from the Contracting Office to the Maintenance Division.

### ***PROCUREMENT***

- o Replaced microfiche reader/printer with CD-ROM for faster and easier access to mandatory procurement source information and catalogs.
- o Procured \$2,875,210 worth of supplies and equipment during the fiscal year 1992, an increase of 6% over the previous year with no increase in procurement staffing levels.
- o Provided propane requirement information to General Services Administration for inclusion in the single award Federal Supply Schedule for propane resulting in a projected annual savings of \$6,000 over open market purchase.
- o Refresher training was conducted for decentralized buyers at Wawona Buildings and Grounds and El Portal Buildings and Grounds. New decentralized buyers were trained at El Portal Wastewater Treatment Plant.

### ***PROPERTY MANAGEMENT***

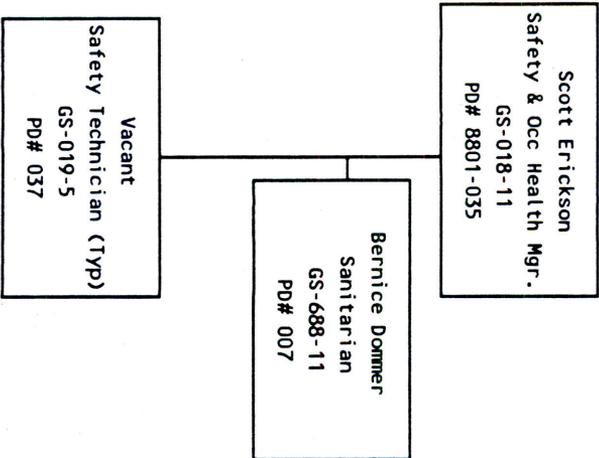
- o Excess property of \$620,825 was acquired from other government installations.
- o We received over 450 pieces of non-expendable property.
- o Lost and Found received 11,600 lost items; 4,200 reports were taken and 1,800 items were returned to owners.

### ***WAREHOUSE***

- o The warehouse 1992 inventory was conducted in late November and for the first time in three years dollar figures ended in the positive numbers. No loss was reported. This success is due to the implementation of bar codes in 1991.
- o PC Supply, the warehouse software, has been updated to automatically change the warehouse on-hand balance to match the physical balance report taken during the annual inventory. This update has reduced the hours and costs of inventory by 50%.

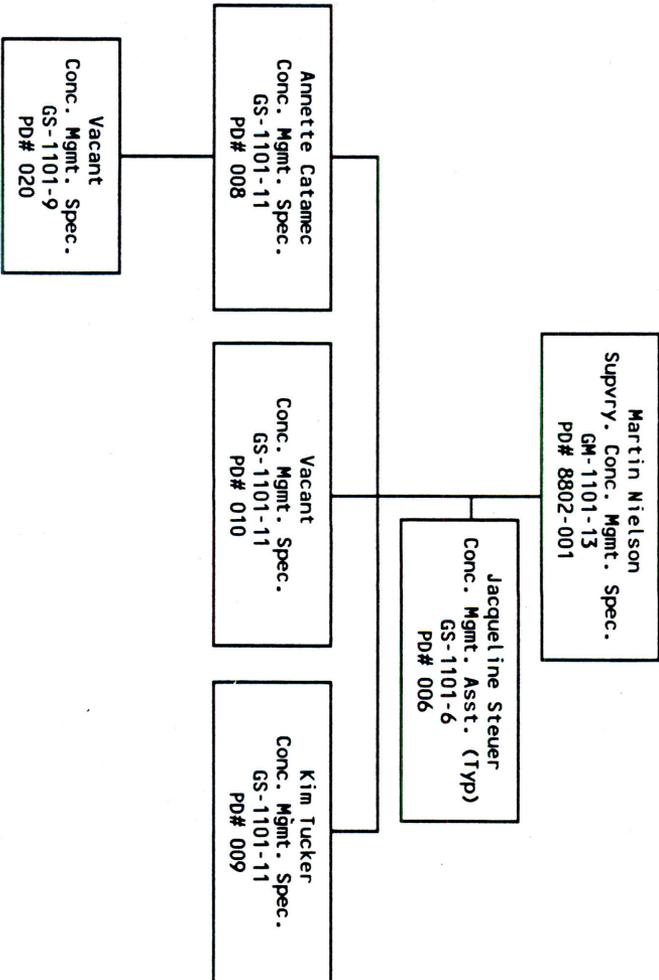
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OFFICE OF SAFETY & OCCUPATIONAL HEALTH  
YOSEMITE NATIONAL PARK



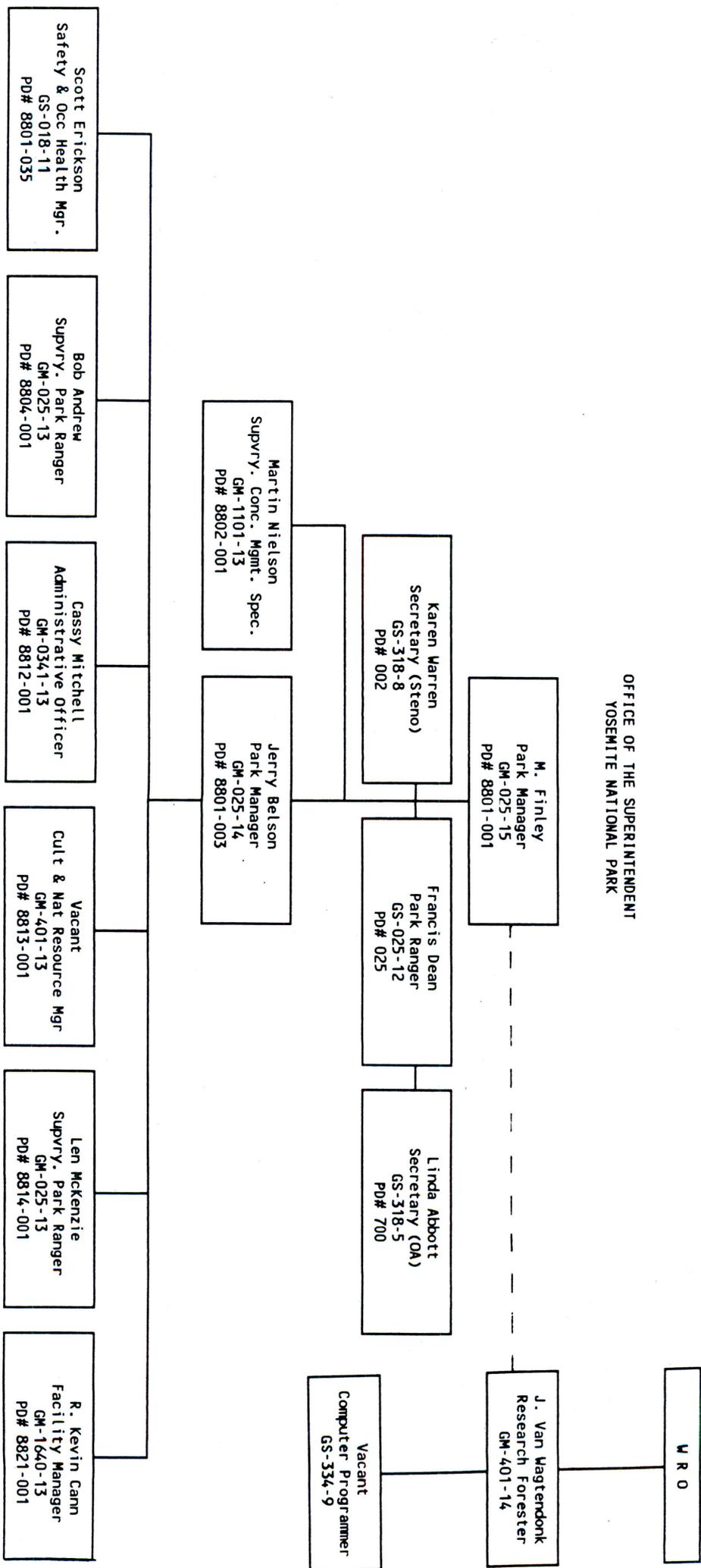
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DIVISION OF CONCESSIONS MANAGEMENT  
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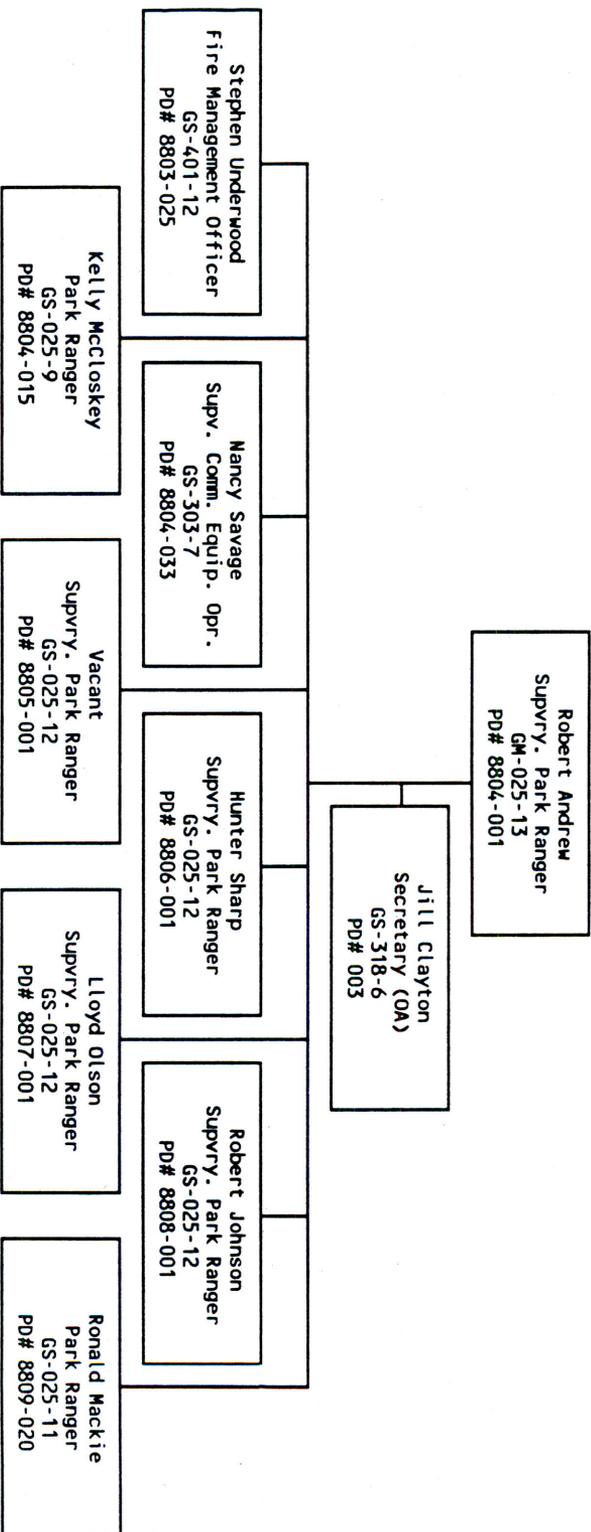
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OFFICE OF THE SUPERINTENDENT  
YOSEMITE NATIONAL PARK



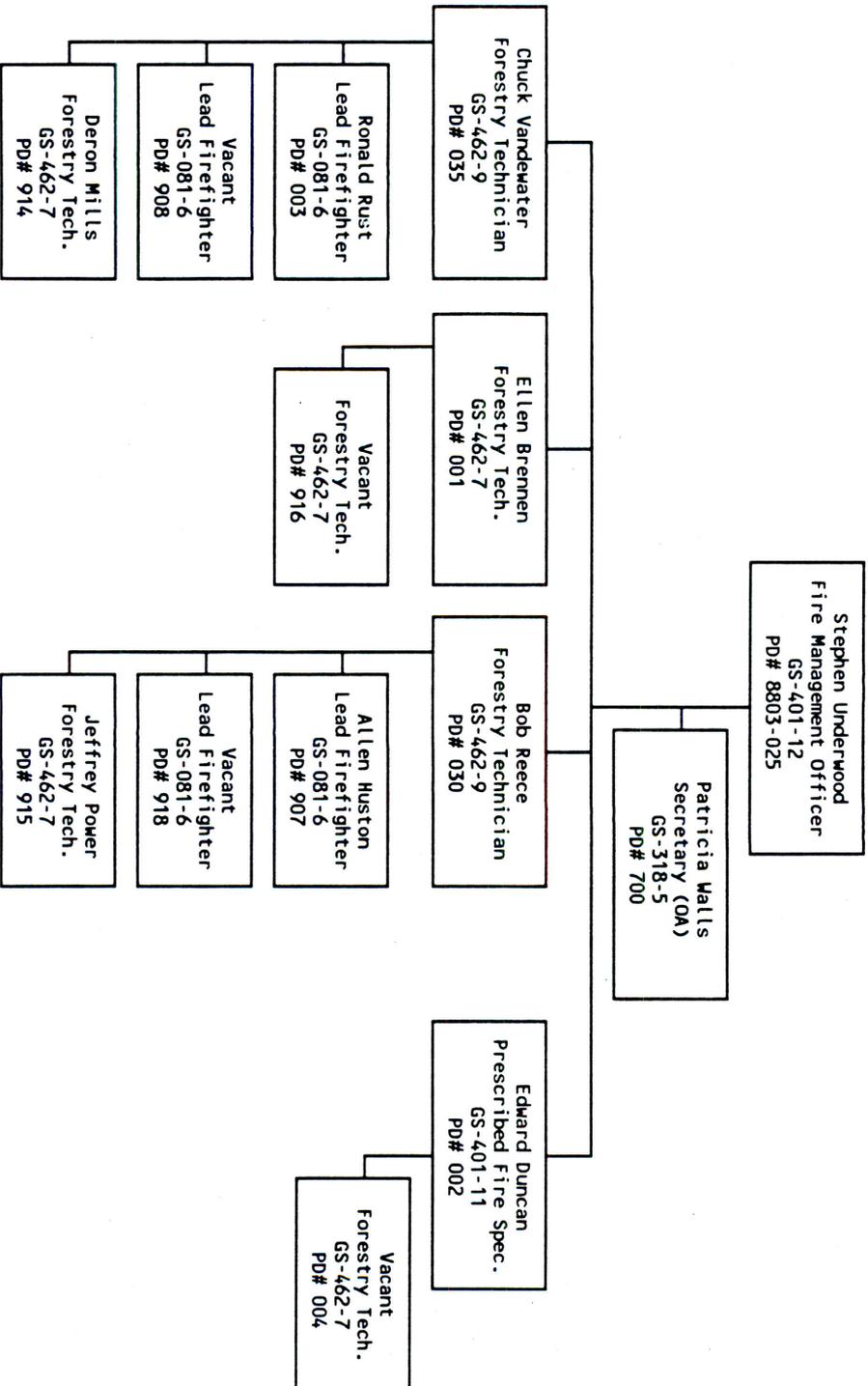
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DIVISION OF VISITOR PROTECTION  
YOSEMITE NATIONAL PARK



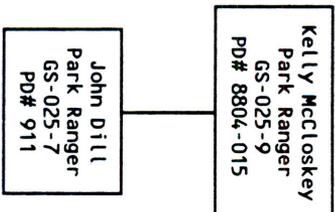
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OFFICE OF FIRE MANAGEMENT  
Yosemite National Park



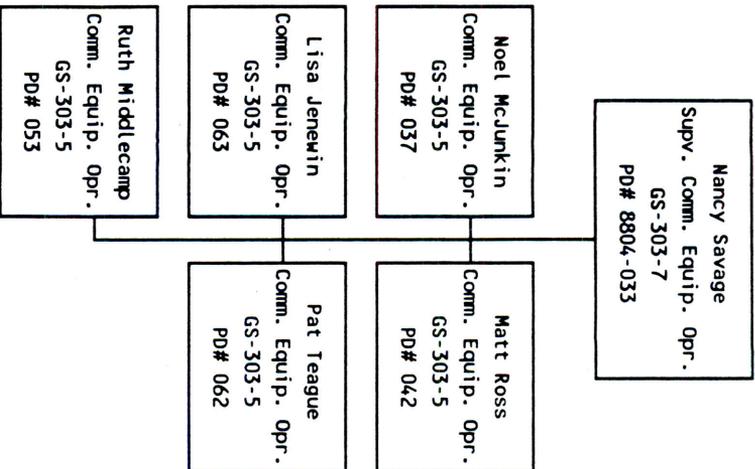
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SEARCH AND RESCUE OFFICE  
YOSEMITE NATIONAL PARK



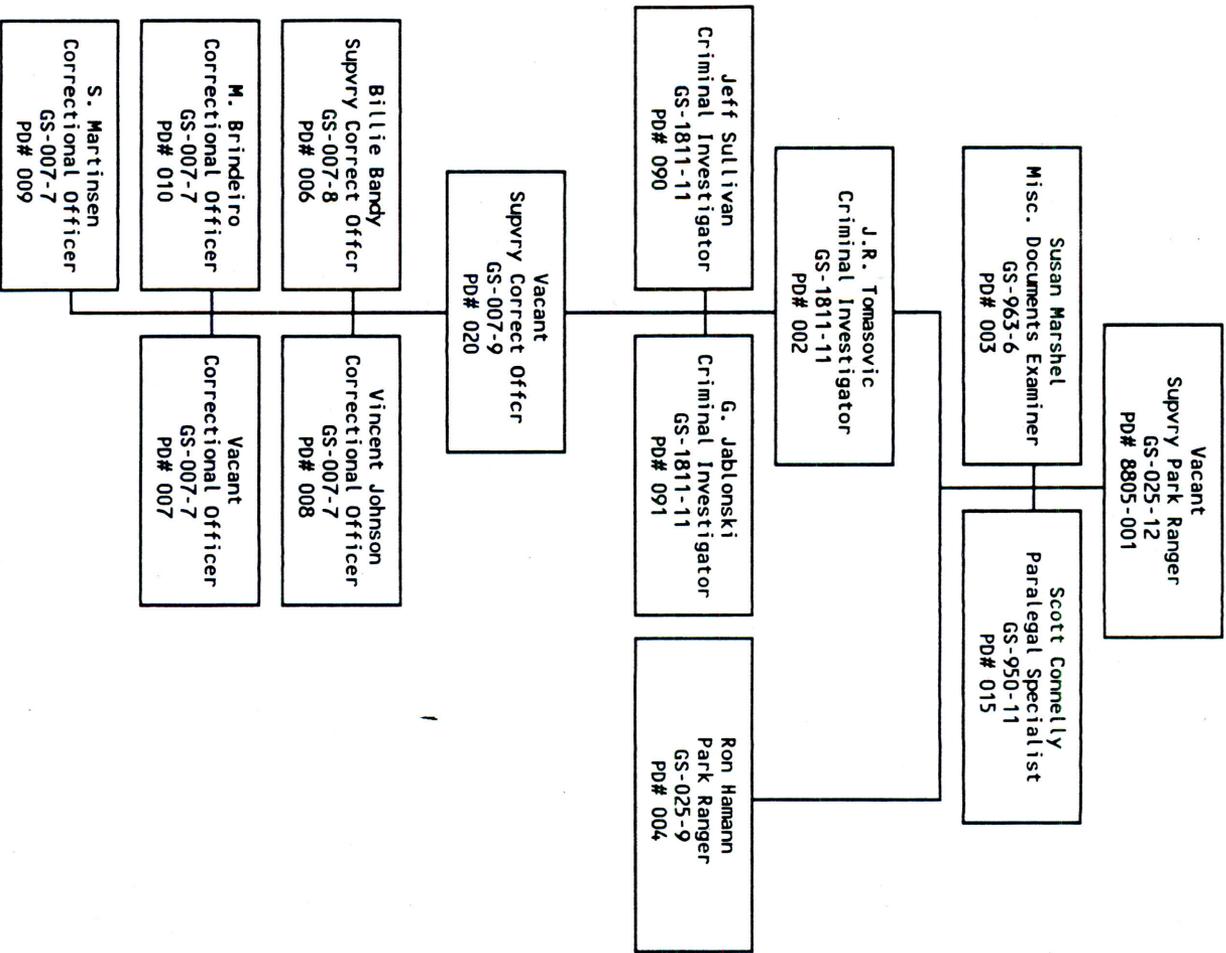
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PARK DISPATCH OFFICE  
YOSEMITE NATIONAL PARK



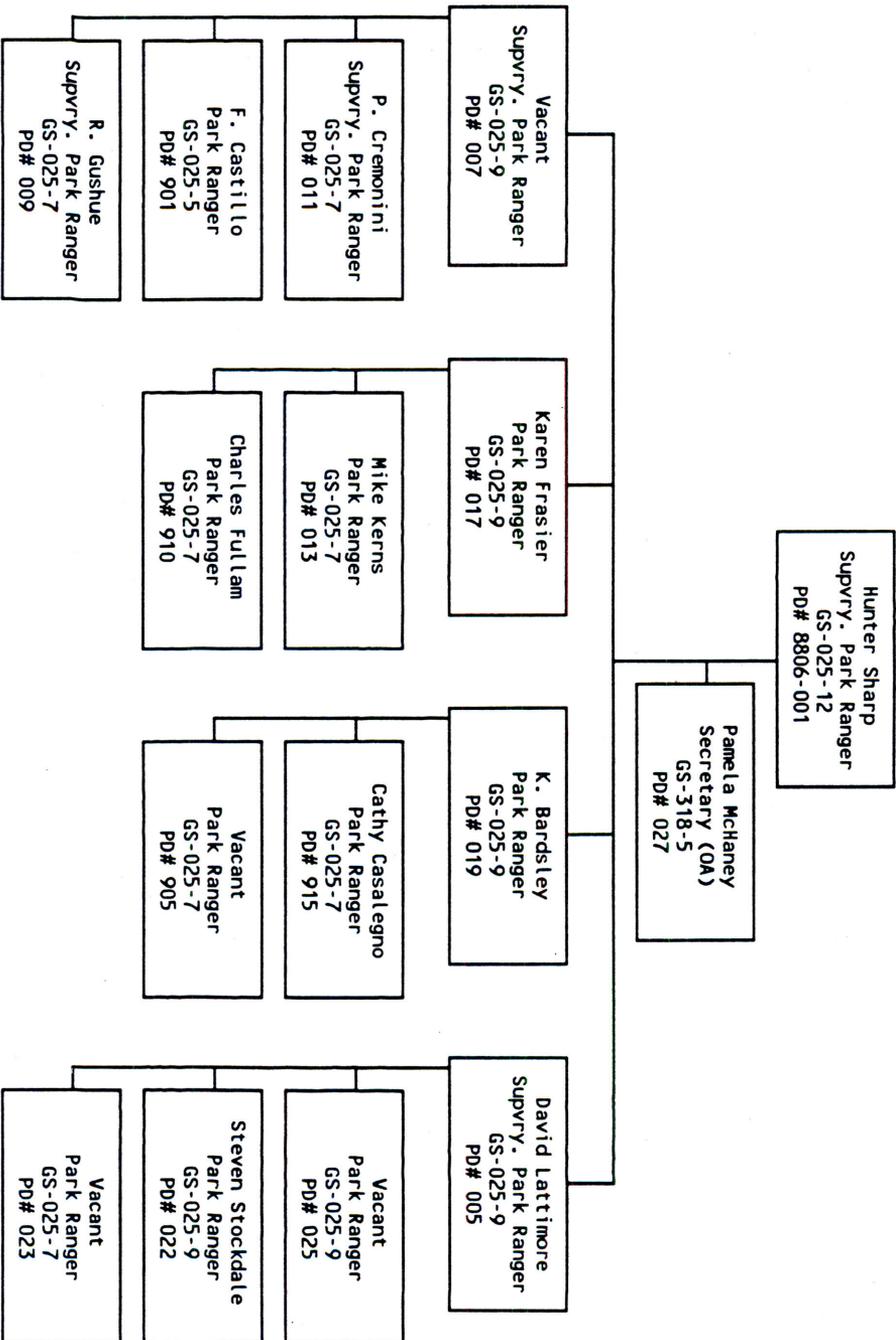
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LAW ENFORCEMENT OFFICE  
YOSEMITE NATIONAL PARK



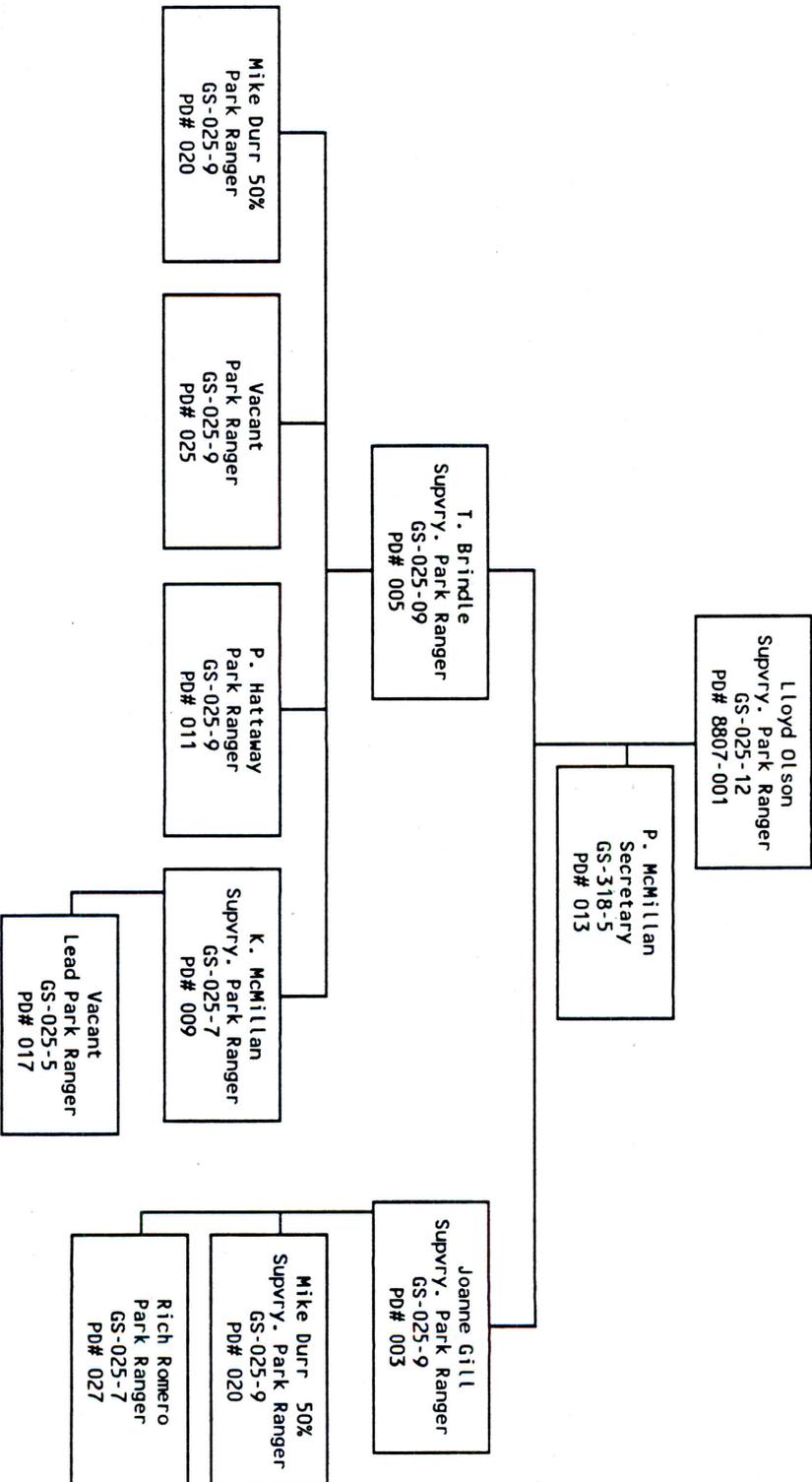
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MATHER DISTRICT OFFICE  
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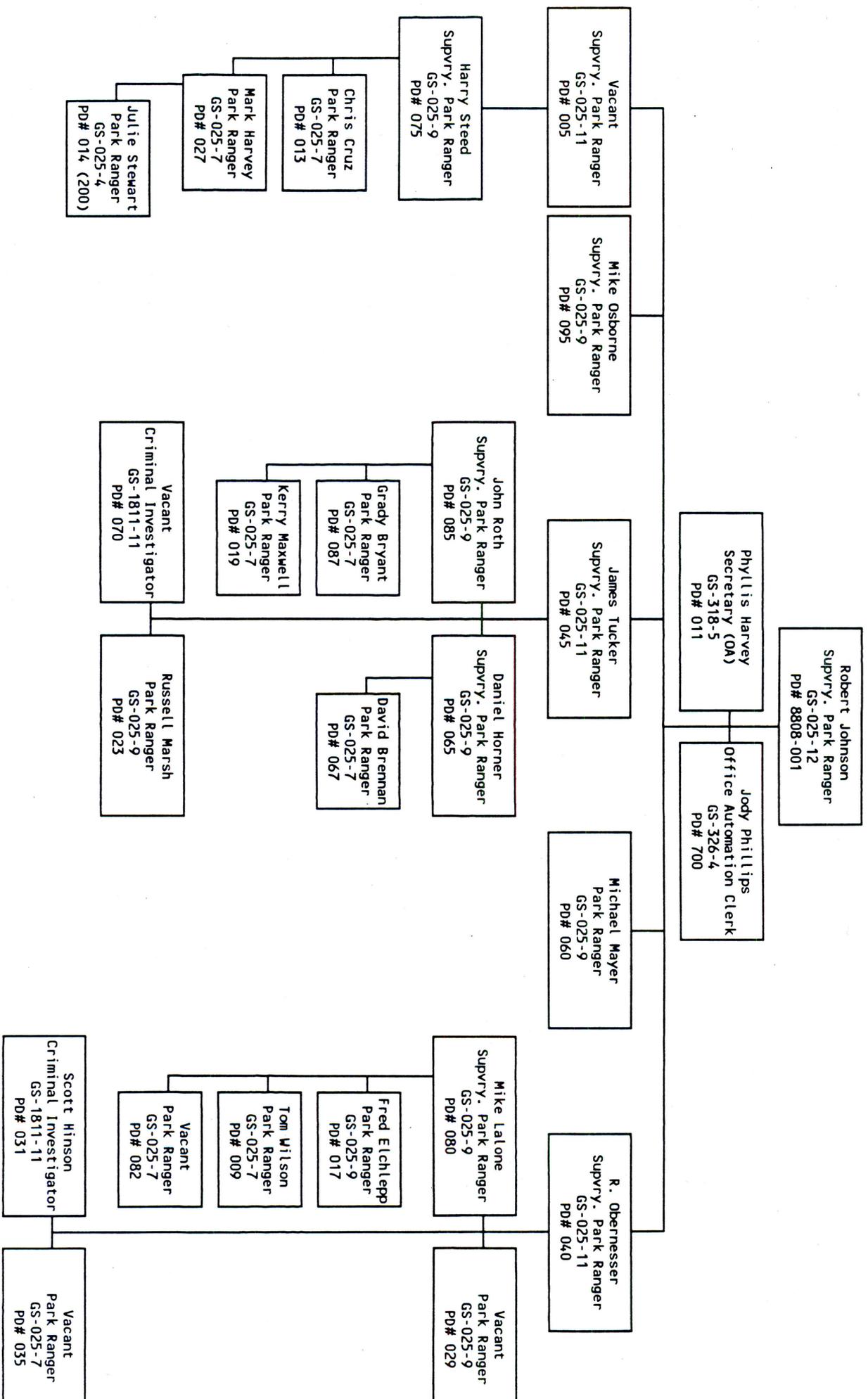
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MANONA DISTRICT OFFICE  
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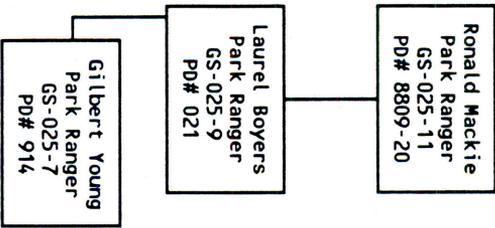
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VALLEY DISTRICT OFFICE  
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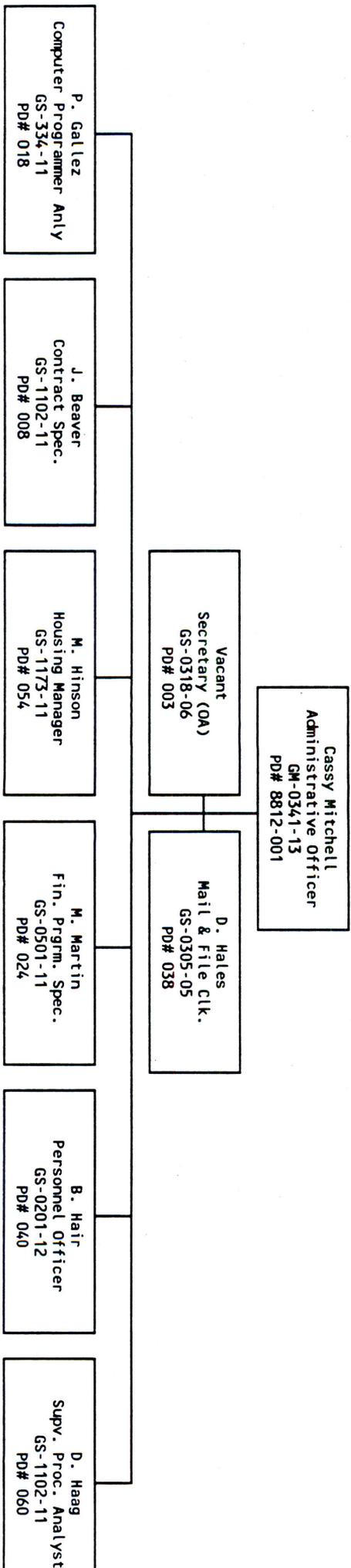
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BACKCOUNTRY OFFICE  
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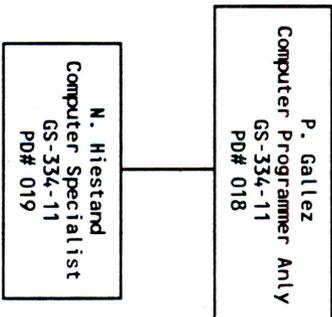
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DIVISION OF ADMINISTRATIVE MANAGEMENT  
YOSEMITE NATIONAL PARK



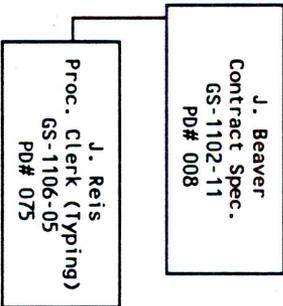
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INFORMATION MANAGEMENT OFFICE  
YOSEMITE NATIONAL PARK



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CONTRACTING OFFICE  
YOSEMITE NATIONAL PARK



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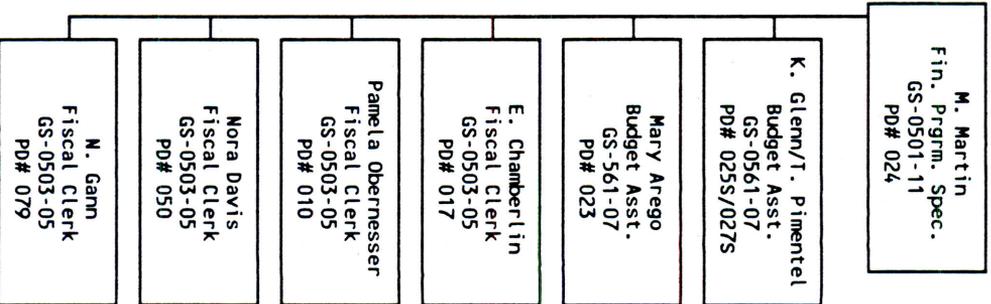
HOUSING OFFICE  
YOSEMITE NATIONAL PARK

M. Hinson  
Housing Manager  
GS-1173-11  
PD# 054

N. Schulz/C. Baker  
Housing Mgmt. Assistant  
GS-1173-05  
PD# 052S/053S

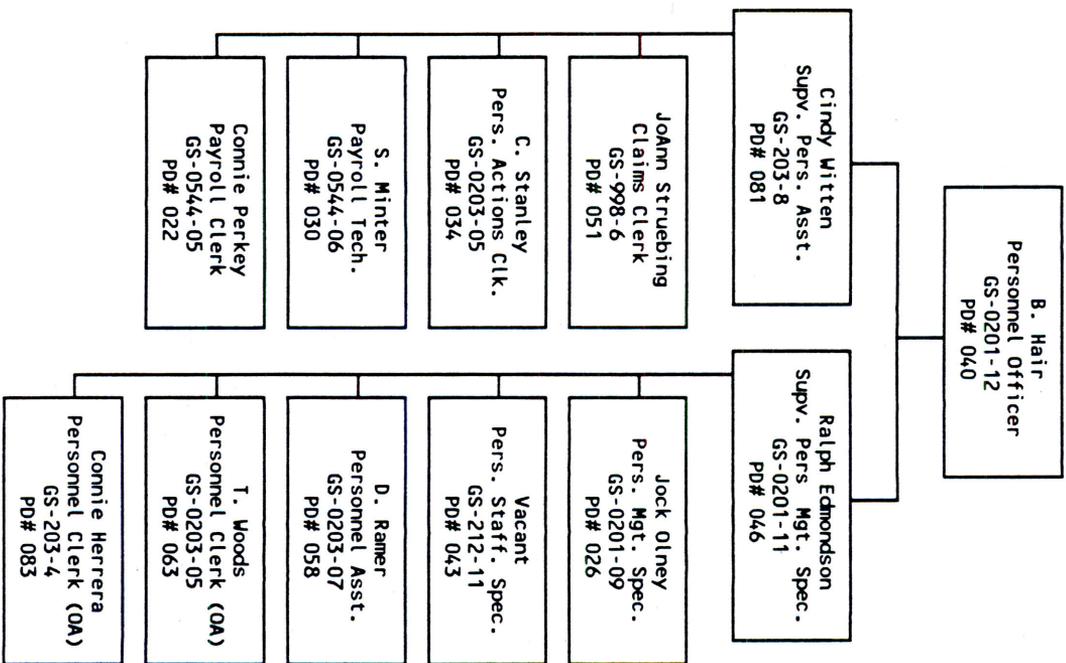
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BUDGET OFFICE  
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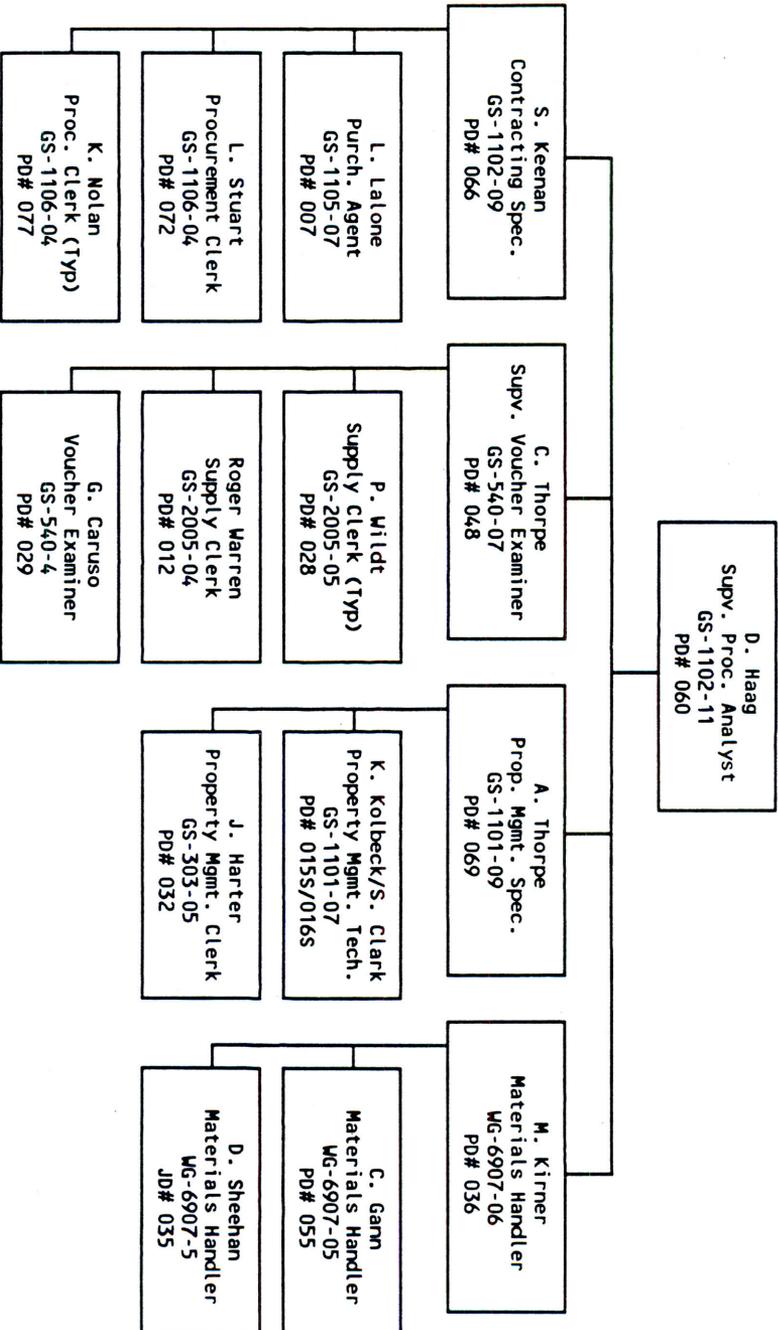


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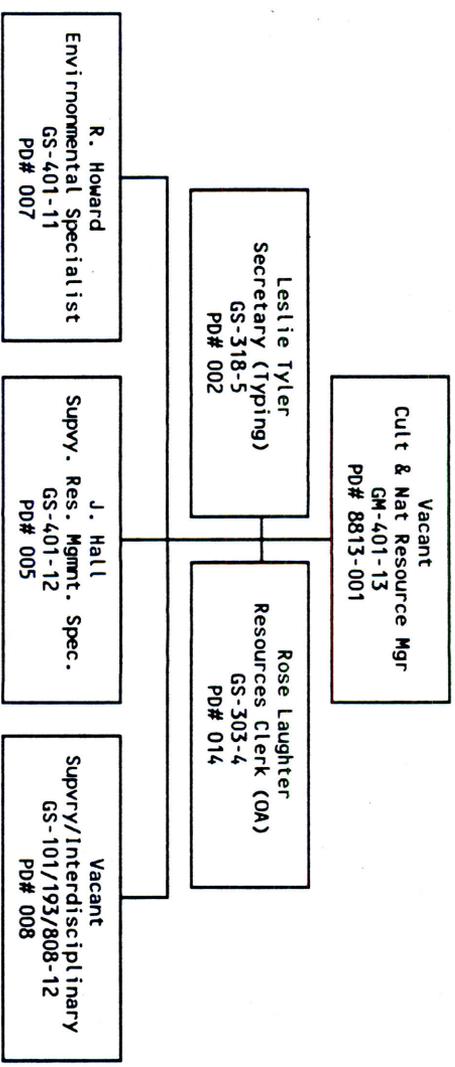
PERSONNEL OFFICE  
YOSEMITE NATIONAL PARK



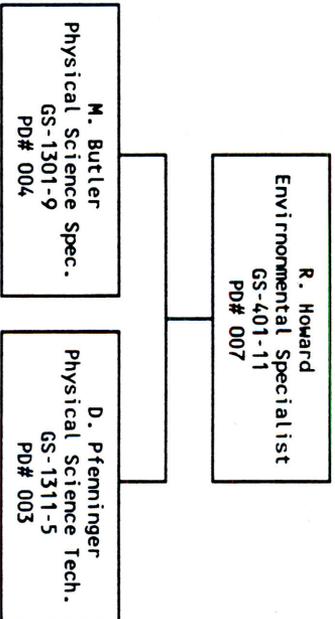
PROCUREMENT & PROPERTY MGMT. OFFICE  
YOSEMITE NATIONAL PARK

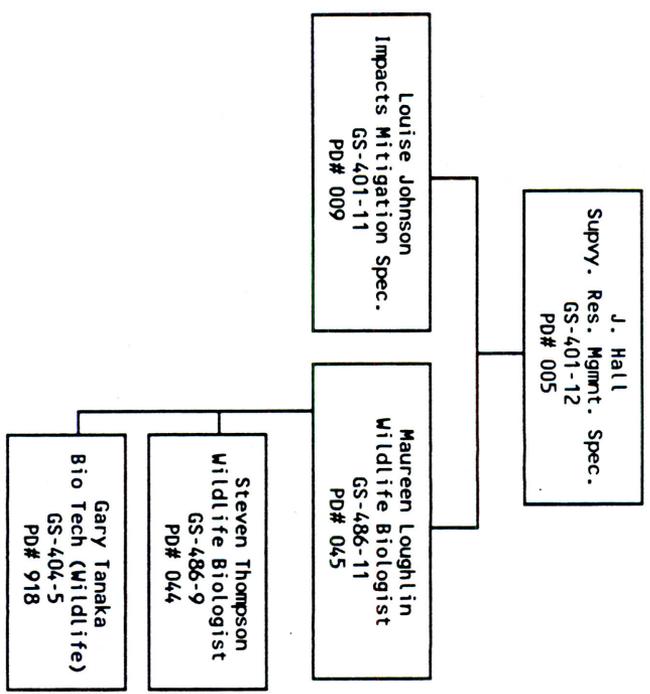


DIVISION OF RESOURCES MANAGEMENT  
YOSEMITE NATIONAL PARK

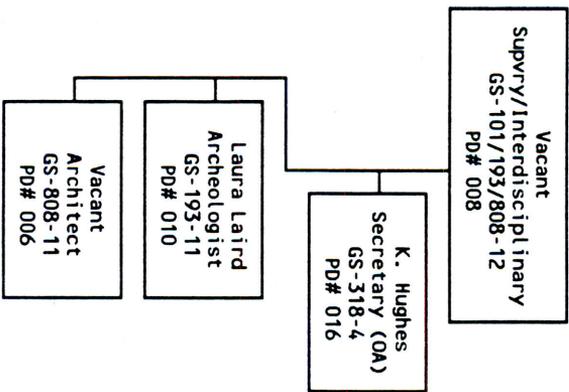


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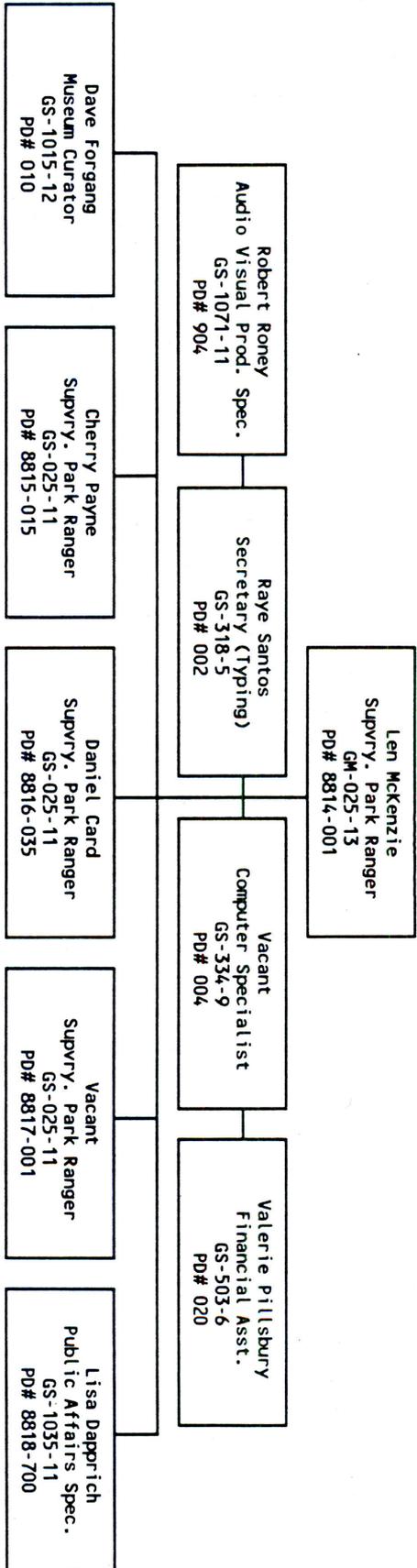


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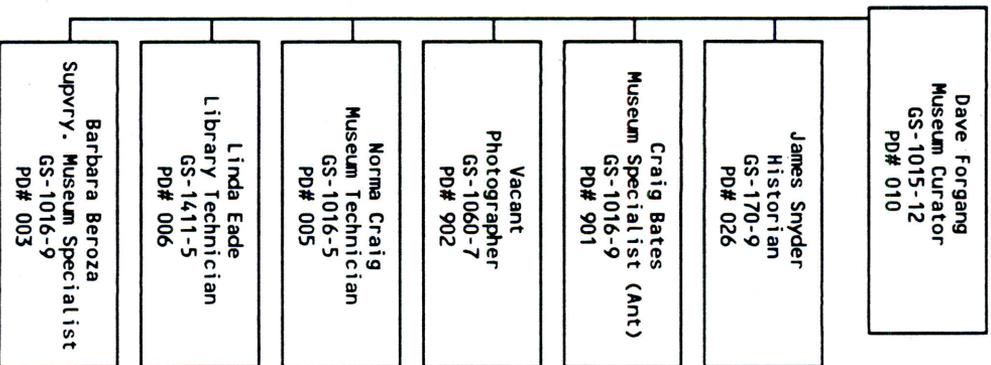


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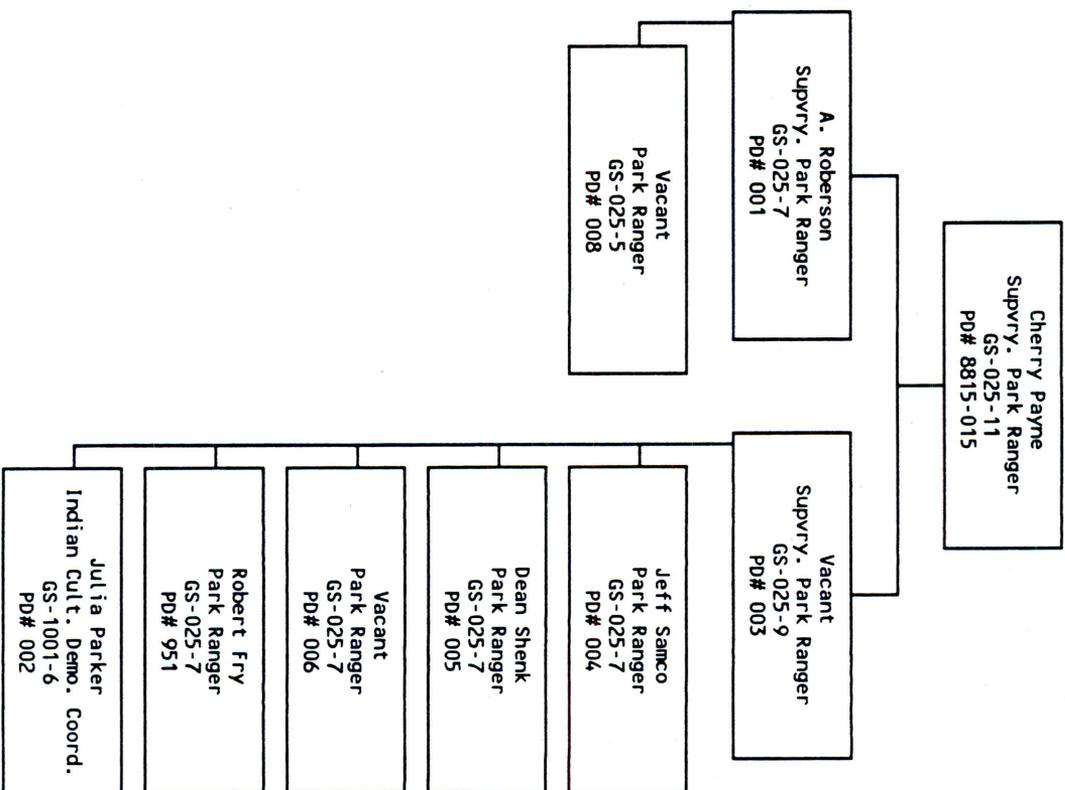
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YOSEMITE NATIONAL PARK



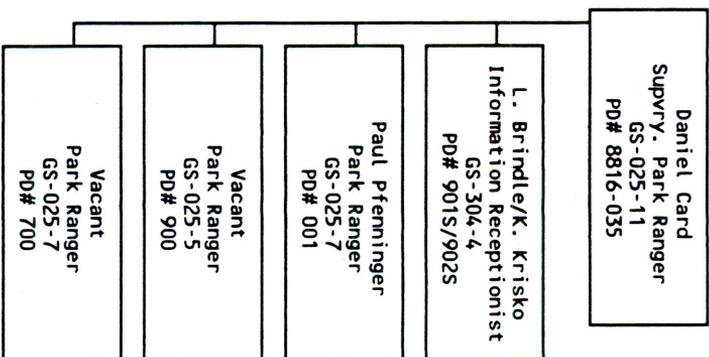
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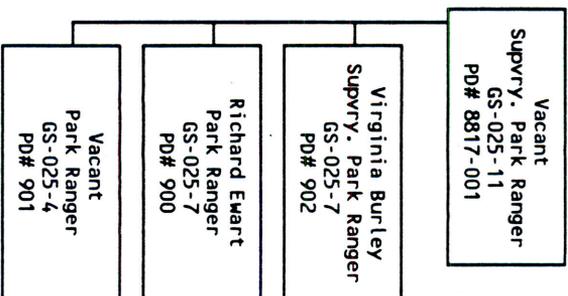
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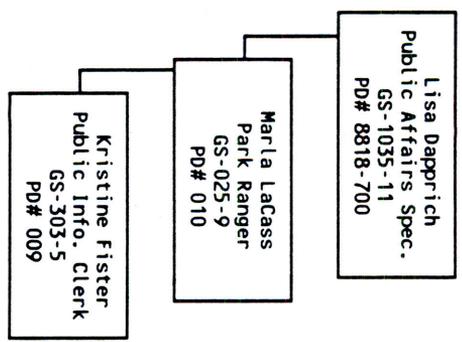
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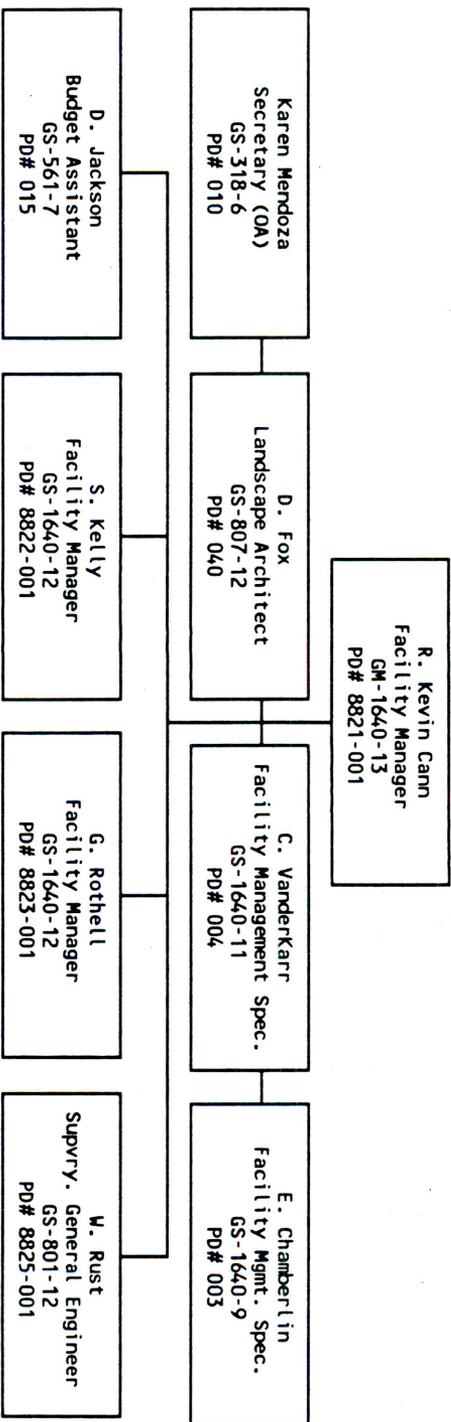


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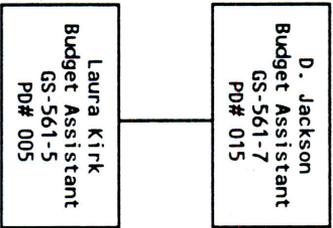


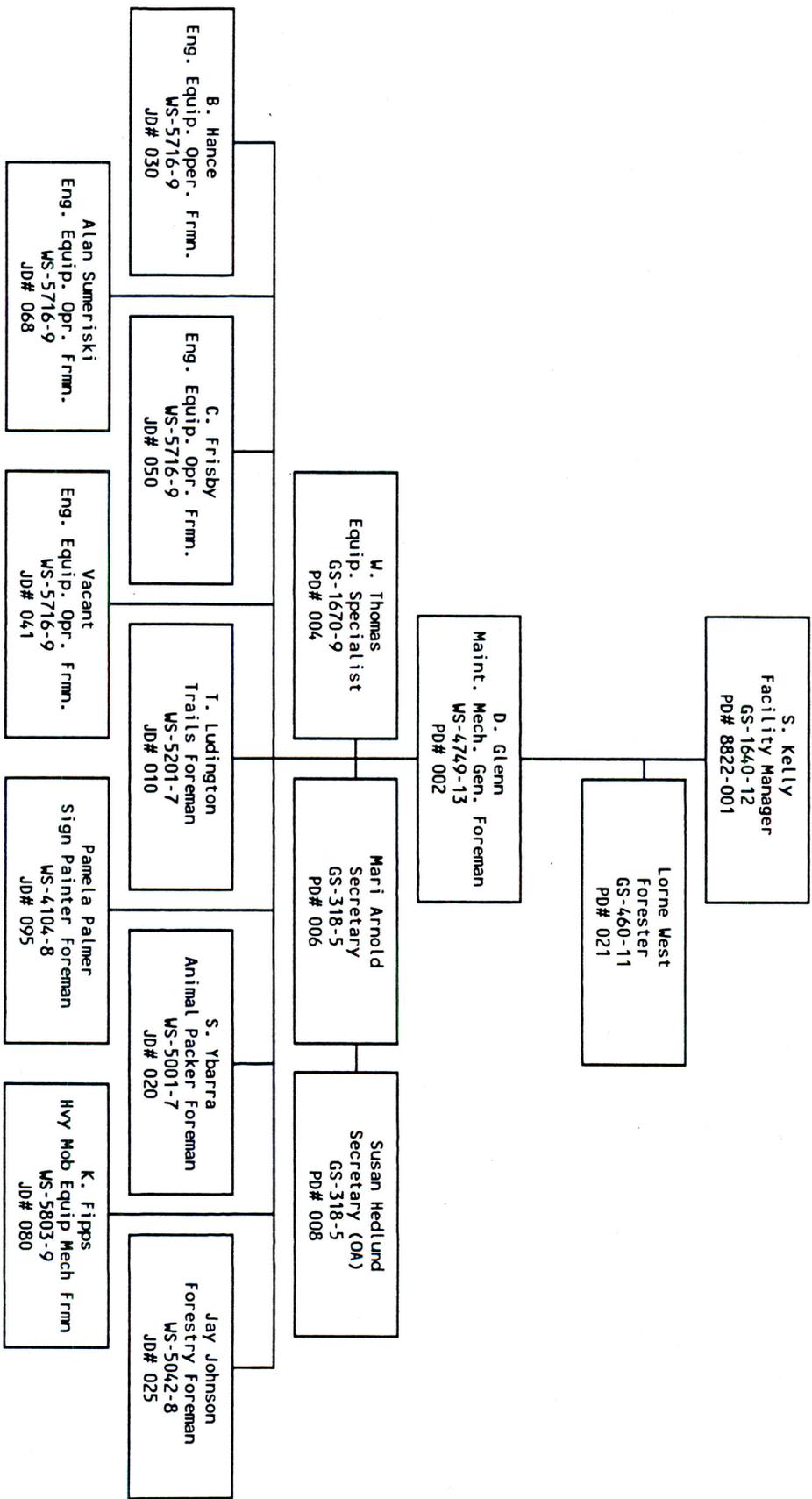
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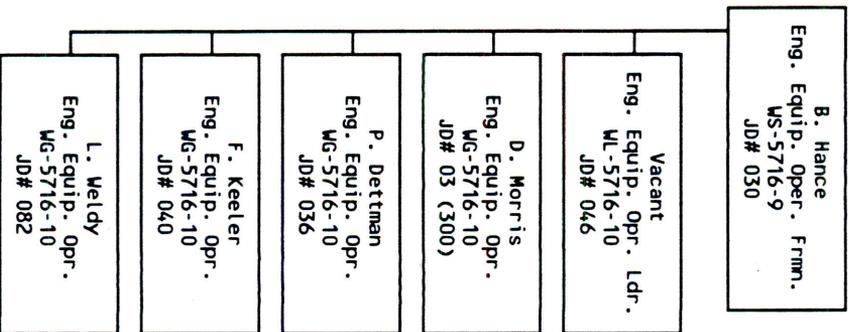


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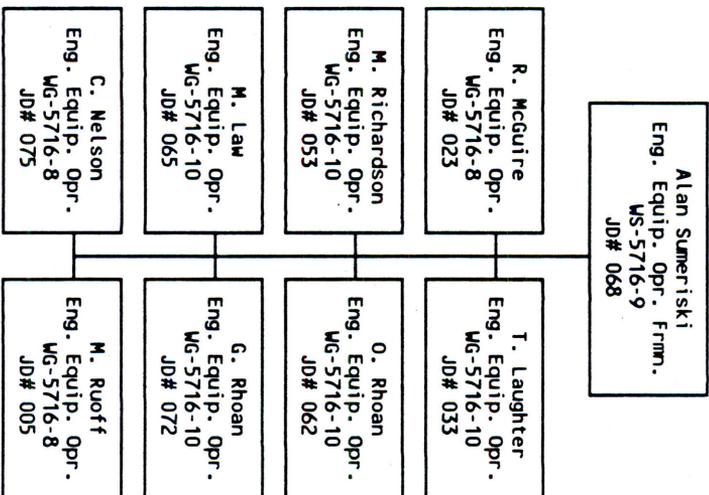




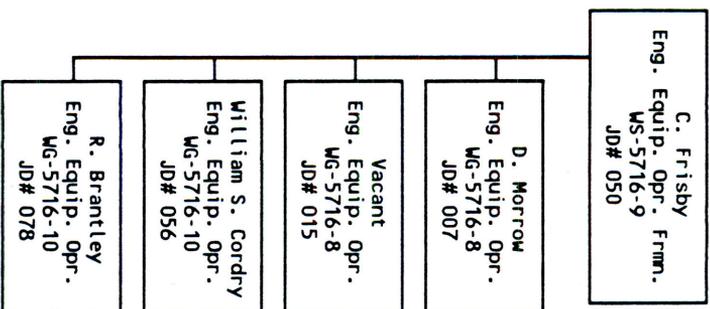
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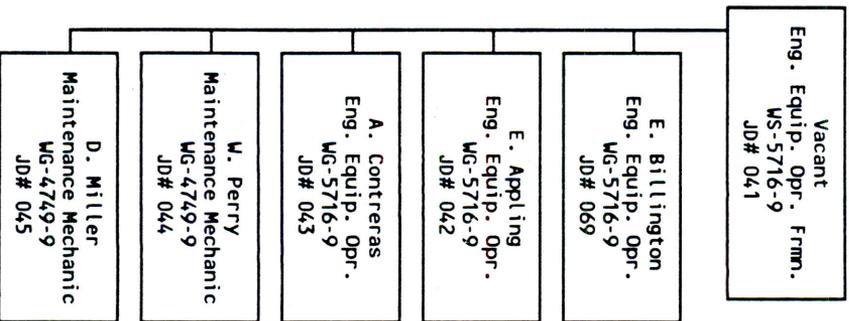
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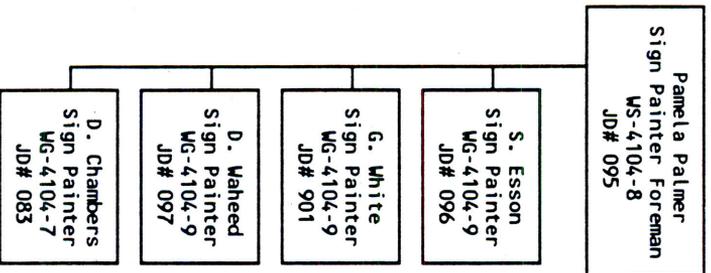
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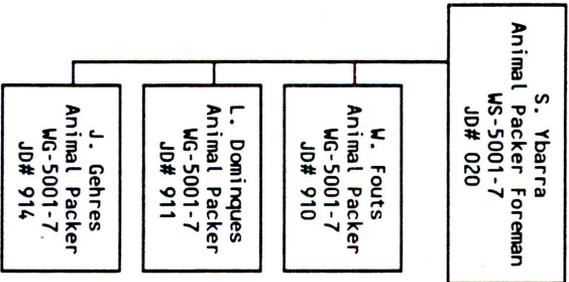
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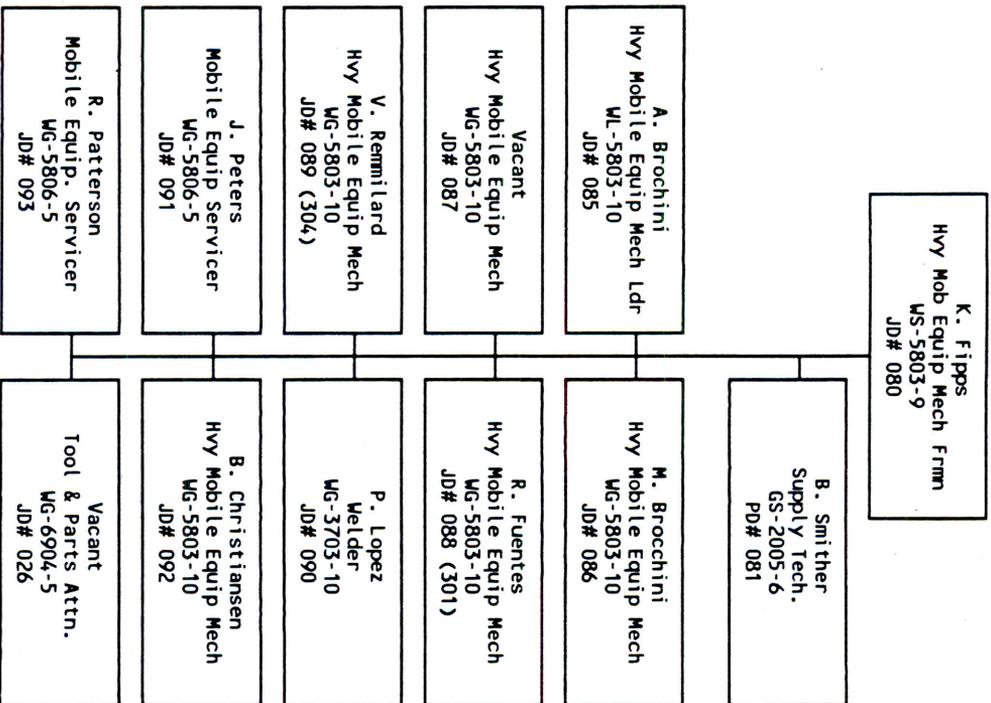
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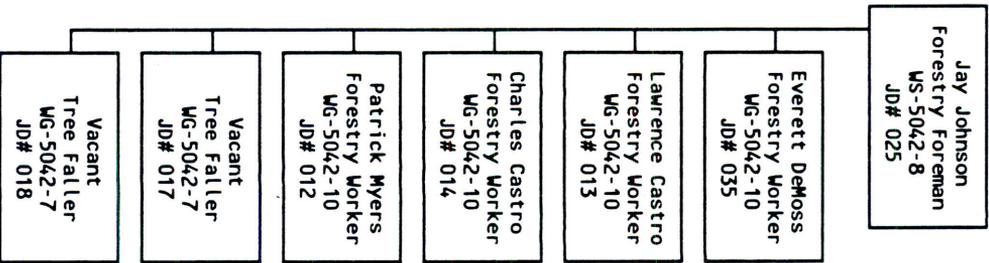
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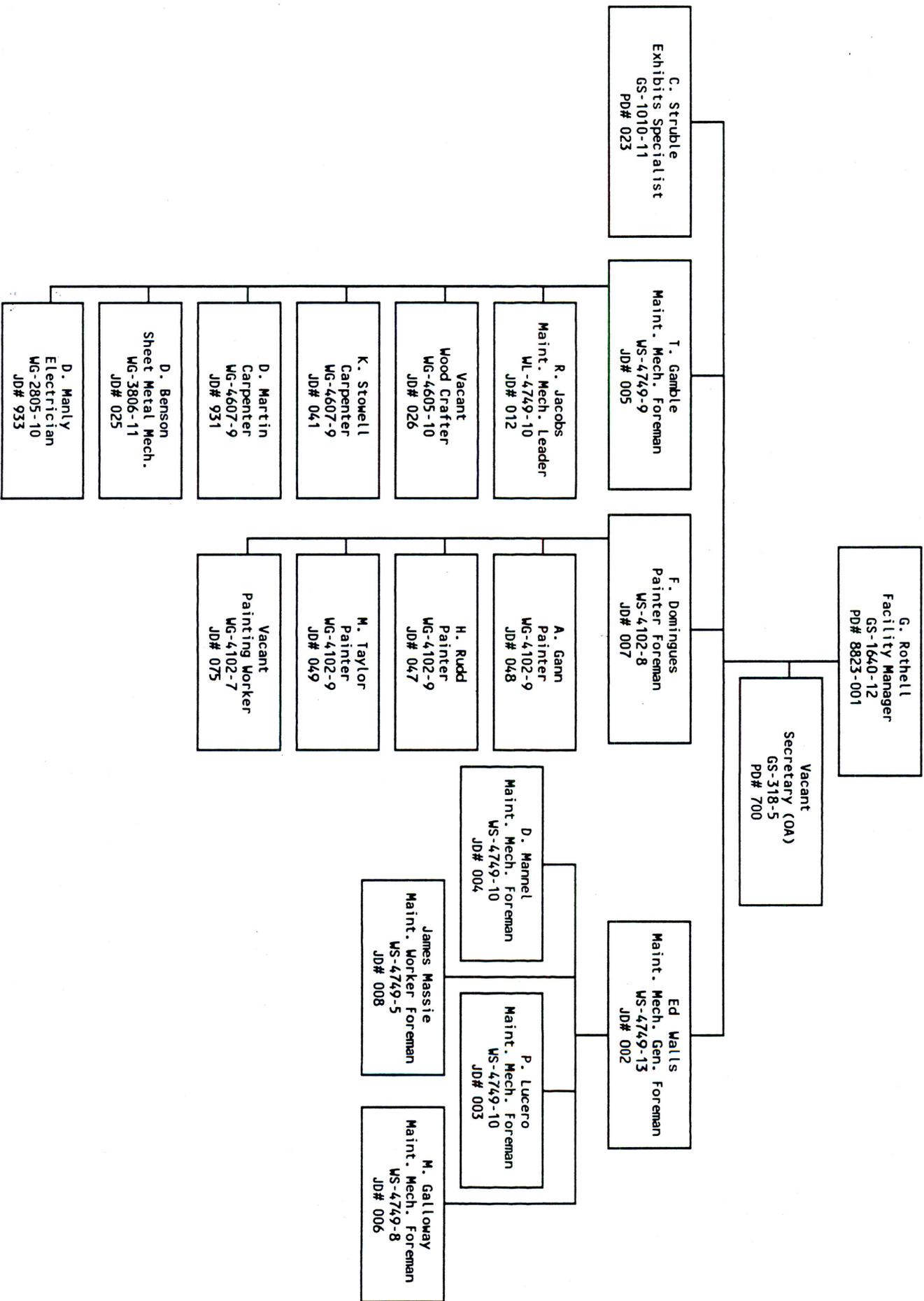


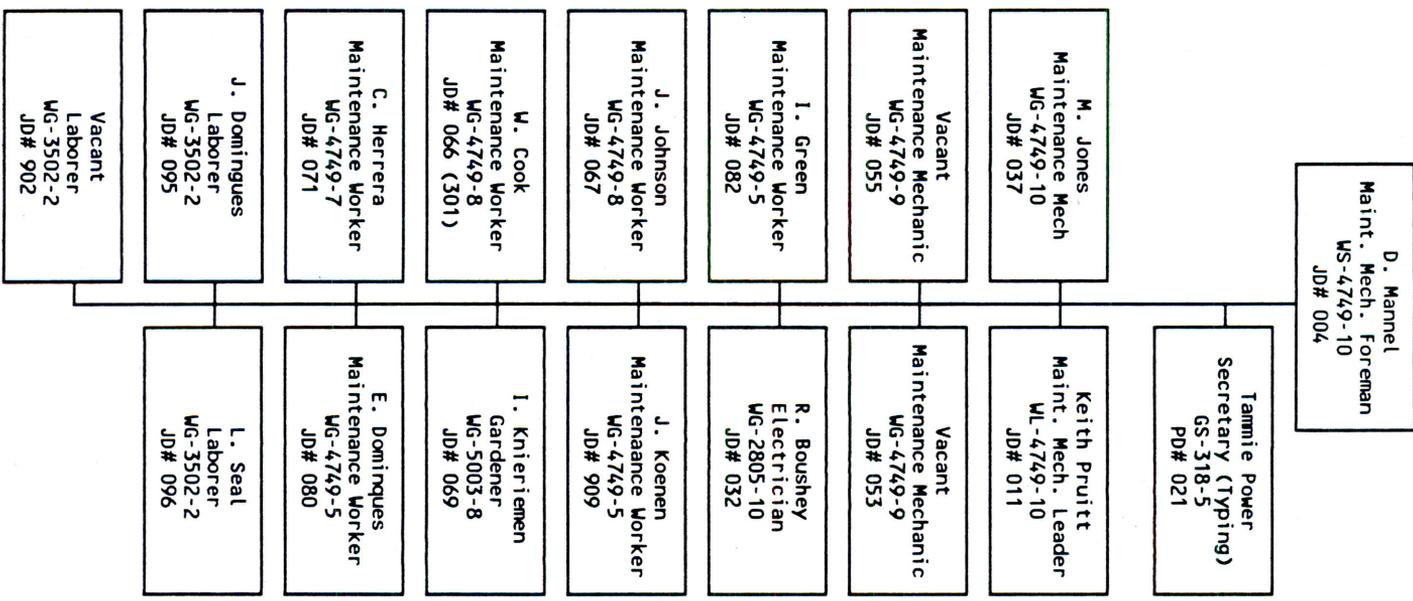
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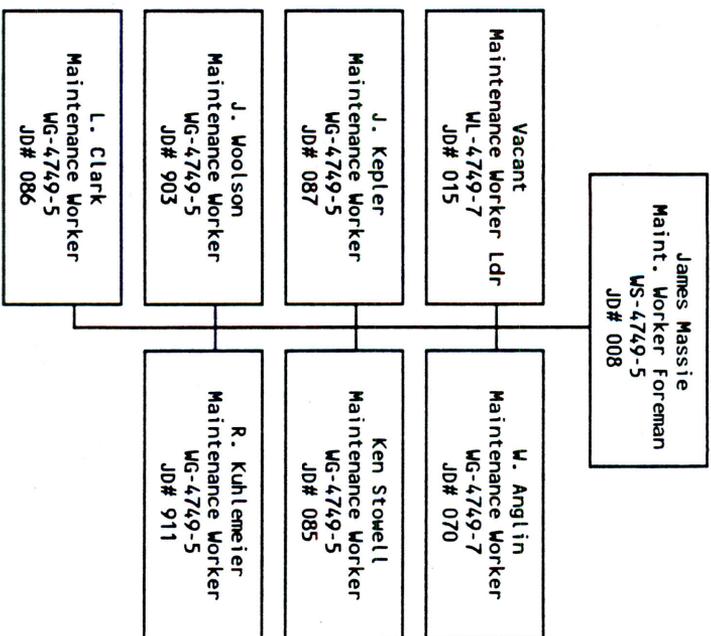
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BUILDINGS & GROUNDS BRANCH  
YOSEMITE NATIONAL PARK



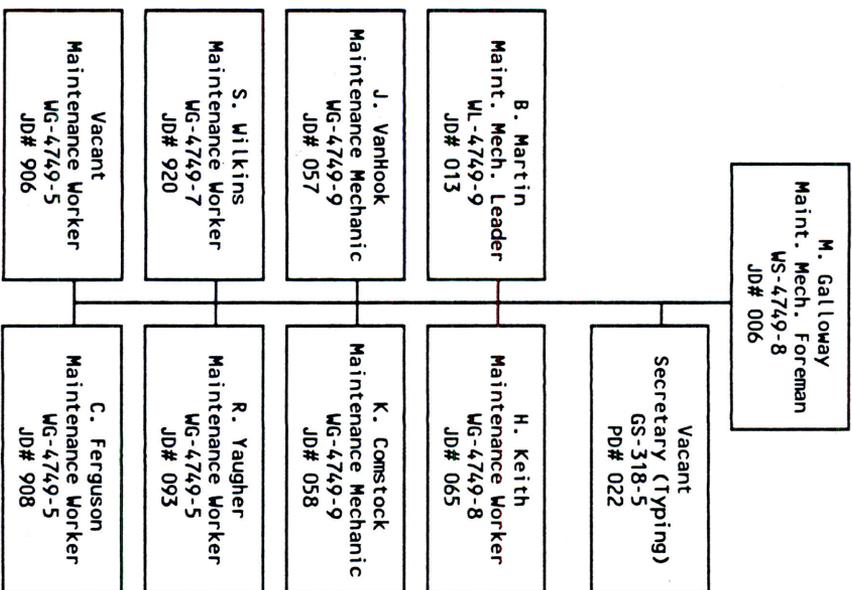


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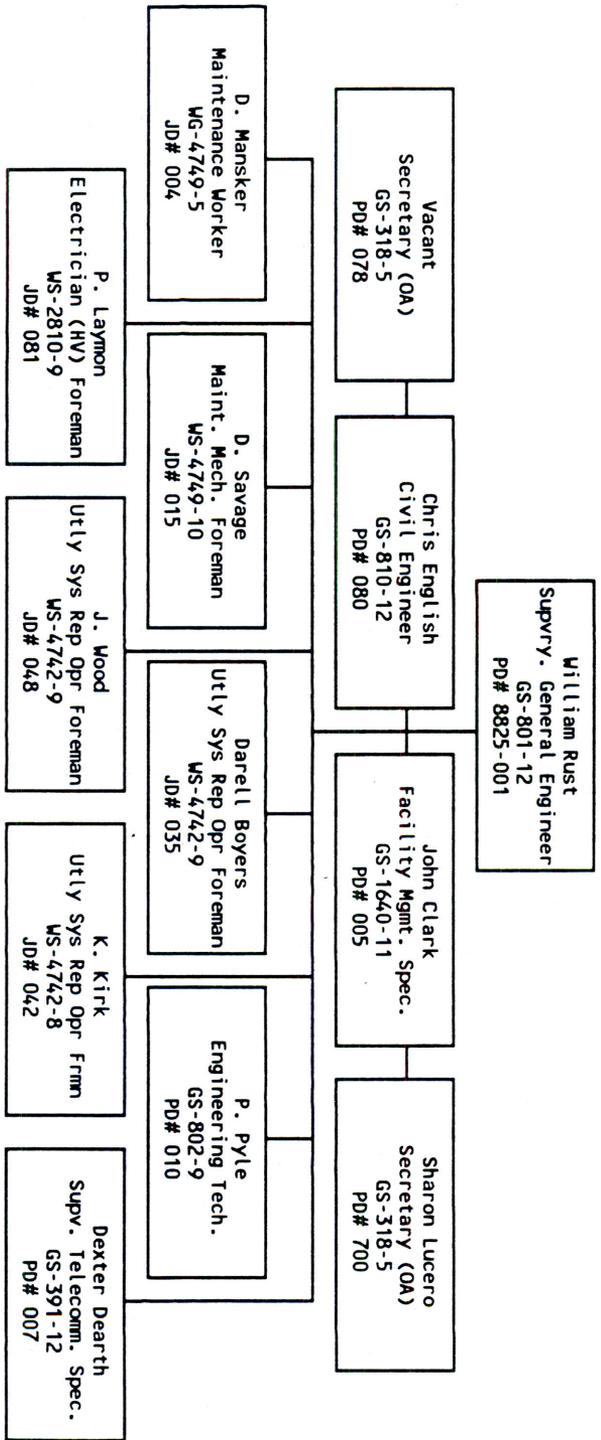




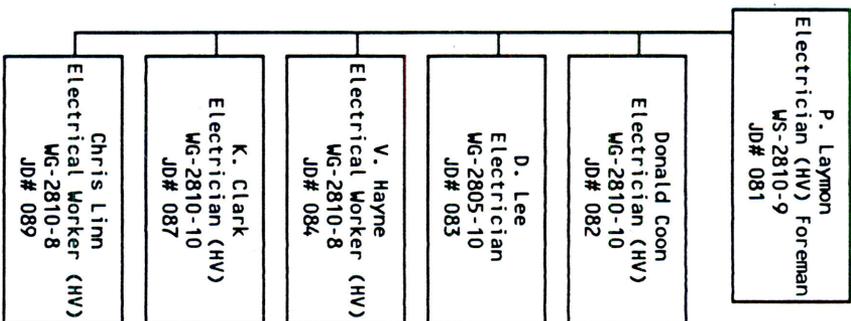
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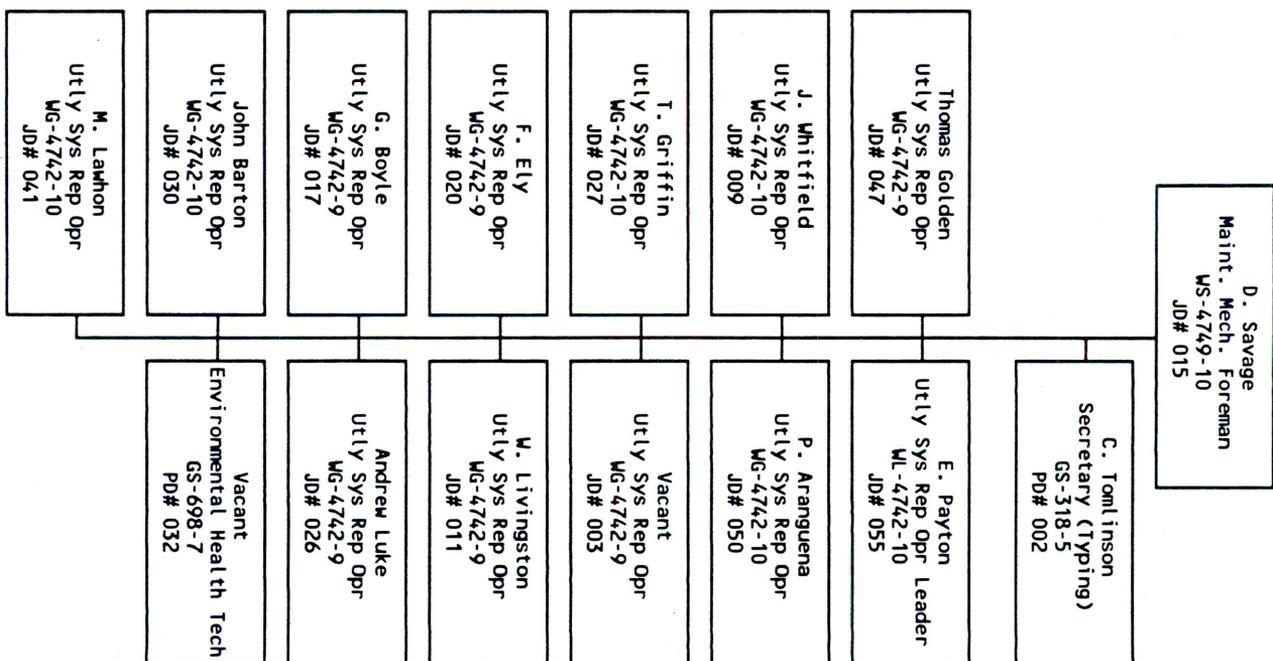
UTILITIES BRANCH  
YOSEMITE NATIONAL PARK



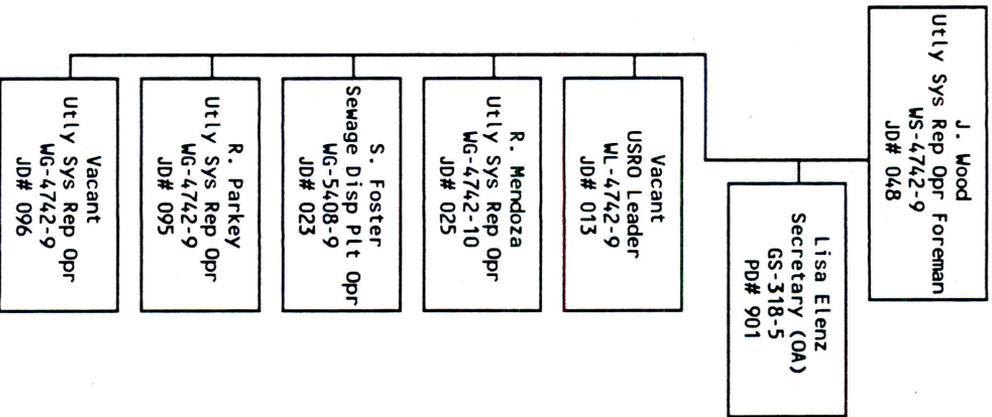
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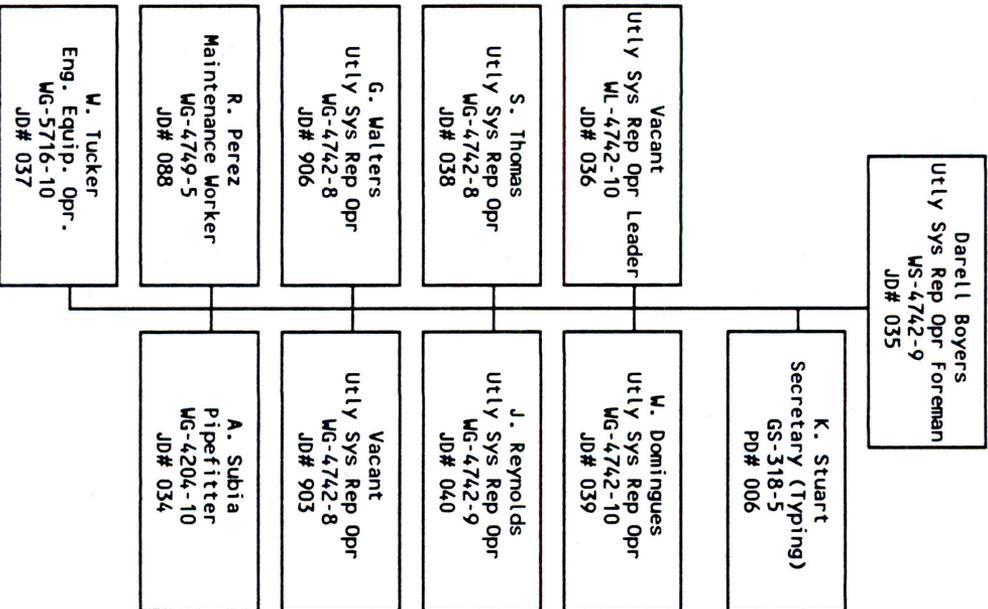
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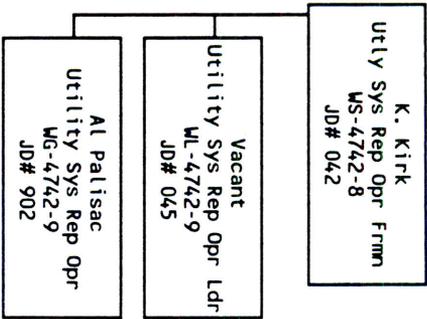
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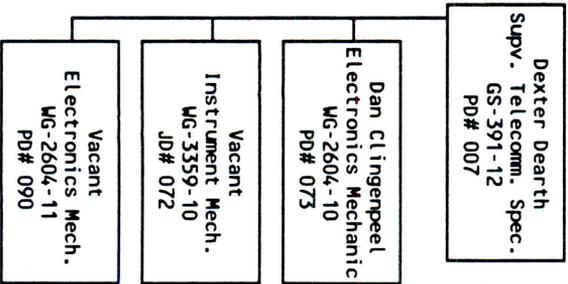
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