



United States Department of the Interior



NATIONAL PARK SERVICE
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IN REPLY REFER TO

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JUN 20 1994

Memorandum

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

Attached is Yosemite's Annual Report for 1993.

~~By~~ Jerry Belson

Jerry Belson

Attachment

**SUPERINTENDENT'S
ANNUAL REPORT**

YOSEMITE NATIONAL PARK

1993

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ANNUAL REPORT
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**SUPERINTENDENT'S ANNUAL REPORT
YOSEMITE NATIONAL PARK
1993**

HIGHLIGHTS

January

- January 9 - A rockslide near Arch Rock severely damaged a large transmission tower and transformer knocking out power to the Valley from 4:30 a.m. Saturday until 2:30 a.m. Sunday.
- January 11 - The Yosemite Restoration Trust filed suit in U.S. Court of Federal Claims in Washington challenging the National Park Service's rejection of its bid for the concession contract.
- January 15 - A rockslide on Highway 140 closed the road at 8:00 a.m. The slide occurred approximately one mile above the park boundary with an estimated 20-30 feet of rock on the road. The road reopened on January 16.

February

- February 8 - A rockslide on Highway 140 near Windy Point closes the road from 4:15 p.m. to approximately 6:00 p.m.

March

- March 18-21 - The Association of Environmental Professionals held their state conference at Curry Village. In attendance were Congressman George Miller and Alston Chase.
- March 21 - Dean Malley, Yosemite Coalition, staged a protest in the Mall against the concession contract.
- March 24 - Congressman George Miller (subcommittee on National Parks) held a hearing on the concession contract in Washington.

April

- April 10-13 - Physically challenged Mark Wellman along with a physically challenged partner, left Tioga Pass for a three day trans-Sierra ski trip which ended at Crane Flat.
- April 15 - Crews started plowing the Tioga Road. Mono County started plowing up from the east side. Due to budget restrictions the decision was made not to begin plowing the Glacier Point Road until the Tioga Road was completed.
- April 28 - Daughters from 9-15 years old came to work with their parents as part of "Take Daughters to Work Day."

May

- May 6 - U.S. Court of Claims Judge dismissed YRT Services Corp. lawsuit.
- May 10 - Due to heavy snow, the Tioga and Glacier Point roads do not open until mid-June.
- May 10 - The decision was made to allow Mono County/Caltrans to plow to Tenaya Lake.
- May 10 - The decision was made to close the park entrances for up to three hours beginning the weekend of May 22 through June 13 (on weekends and including Memorial Day) if the park became too congested. Due to heavy snow delaying the opening of both Tioga and Glacier Point roads, the only place for visitors was the Valley and Wawona. Other than in emergency situations, a closure of this nature had never been implemented.
- May 11 - The Merced River closed due to high water.
- May 20 - The cables were installed on Half Dome.
- May 22 - The park closed for the first time in history due to congestion. The closure was in affect from 11:00 a.m. to 2:15 p.m.
- May 23 - The park closed due to congestion. The closure was implemented at 10:55 a.m. and ended at 1:40 p.m.
- May 24 - The Superintendent decided that up to five hour closures would be in affect for Memorial Day Weekend. Three hours was not enough time to relieve the congestion.

- May 27 - A press conference was held in the park to announce the Yosemite License Plate. In attendance were Superintendent Mike Finley, Secretary of California State Resources Agency Doug Wheeler, President of Yosemite Park and Curry Co. Ed Hardy, Director of California Department of Motor Vehicles Frank Zolin, Chairman of Yosemite Fund License Plate Program Keith Schiller, and Vice-Chairman of the Yosemite License Plate Program Matt Mazer.
- May 28 - A twin engine plane with four passengers crashes on the south side of Mt. Lyell, on the eastern side of the park, killing all four.
- Derek Geoffrey Hersey, 36, of Boulder, Colorado, dies while free solo climbing on Sentinel Rock.
- May 28-30 (Memorial Day Weekend) Park closures are not put into effect because the park is only "comfortably busy". Hetch Hetchy does close due to congestion from 11:30 a.m. to 2:00 p.m.

June

- June 2 - A group of 11 foreign press with the United States Information Agency visited the park and the Superintendent addressed them about the "State of the Park."
- June 3 - The Tioga Road opened for the season.
- June 4 - The Tioga Road closed due to snow and reopened on June 7.
- June 4 - A search was conducted for overdue hiker William Slattery, 22, of San Marcos, CA. in the Harden Lake area. He was found alive on June 7.
- June 11 - Glacier Point Road opened for the season.
- June 16 - A rockslide closed Upper Yosemite Falls Trail for two days.
- June 25-27 - Director of the National Park Service Roger Kennedy visited the park. While here he addressed an all employees meeting, hiked the Four Mile Trail and held a press conference.
- June 30 - The selection of Delaware North Companies, Inc. for the new concessioner was sent to the Hill for a 60 day review.

July

- July 1 - A 15,000 lb. weight limit on Tioga Road was lifted.
- July 6 - The decision was made to close the Merced River to rafting for the remainder of the season.
- July 6 - The decision was made to close the Tuolumne Grove Road for the remainder of the season.
- July 14 - Ranger Kim Aufhauser was shot three times in Tuolumne Meadows. A massive manhunt took place with 180 personnel, three canine teams and helicopters. The Tuolumne Meadows Lodge and campground closed and approximately 1,500 people were evacuated. The area was closed until 6 a.m. on July 17. No suspects were apprehended.
- July 27 - The park offered a \$5,000 reward to anyone with information regarding the shooting of Ranger Kim Aufhauser.

August

- August 7 - Dr. Mark Conley, 46, of Merced died after slipping approximately 150 feet down a granite slab near Tuolumne Peak.
- August 8 - The decision was made to close the top of Half Dome to overnight camping to protect the Mt. Lyell salamander.
- August 10 - Undersecretary for the Resources Agency for the State of California, Michael Mantell and his family, visited the park.
- August 10 - Warner Brothers Studios makes plans to film a remake of "Maverick" in the park in October. Stars will include Mel Gibson, Jodie Foster and James Garner.
- August 25 - Entry into the park was free in honor of the National Park Service's 77th birthday.
- August 15 - Jon-Paul LaFrance, 19, of Palo Alto died from a 150-300 foot fall while hiking near Sunnyside Bench in Yosemite Valley.

- August 15 - Two mountain lions (a mature female and two year old juvenile) attacked a small shepherd dog in the Hodgdon Meadow Campground.
- August 17-21 - Rick Healy, staffer for Congressman Bruce Vento, visited the park.
- August 20 - The California Energy Commission, Pacific Gas and Electric Co., Yosemite Park and Curry Co., and National Park Service held a press conference and symposium to promote electric vehicles, including buses, in Yosemite and California.
- Yosemite Park Services filed suit in U.S. District Court challenging the concession bidding process.
- August 28-29 - Former Senator (Indiana) Birch Bayh visited the park.
- August 31 - A 21 year old male visitor was injured by a black bear in Little Yosemite Valley due to improper food storage.

September

- September 3 - Matthew Scott Waters, 17, of Arvada, Colorado, died of a fall from a rock face and into a pool in Chilnualna Creek.
- September 5 - The Valley closed for one hour (from 2:30-3:30 p.m) due to congestion.
- September 11-12 - Assistant Secretary for Fish and Wildlife and Parks George Frampton, Jr. visits the park to speak to the Yosemite Association member's meeting.
- September 11 - Miroslav Smid, 41, from Czechslovakia, died from a fall off of Lost Arrow.
- September 15-17 - Congressman Austin Murphy (D PA) visits the park.
- September 22 - United States District Court in Los Angeles dismisses a suit by Yosemite Park Services regarding the concession contract.
- September 25 - Sue Oatley, 40, of Solano, CA died from a failed base jump off of El Capitan.

- September 25 - James L. Earhart, 22, of Westchester, PA died from a fall on the 4 Mile Trail.
- September 28 - Gustavo Brillembourg, 35, of New York City, NY, died while climbing the North East Buttress of Higher Cathedral Rock in Yosemite Valley.
- September 29 - The Yosemite Concession Contract was signed in Washington awarding the contract to Yosemite Concession Services Corp. (Delaware North Company, Inc.).
- September 29 - Yosemite Park Services L.P. files suit in U.S. District Court in Los Angeles
- September 29 - Gary Fraker named new President of Yosemite Concession Services and replaces Ed Hardy.

October

- October 7 - Foresta residents' law suit against the National Park Service for the fires of 1990 was dismissed. San Francisco attorney Melvin Belli handled the suit and reintroduces it.
- October 15-17 - The Tioga Road closed intermittently over the weekend due to snow.
- October 26 - A press conference was held at the Ansel Adams Center in San Francisco with Secretary for the State Resources Agency Doug Wheeler, Yosemite Fund representatives Keith Schiller and Dick Otter, Department of Motor Vehicle personnel and Superintendent Finley to announce "Street Day" for the Yosemite License Plate.
- October 27-30 - Warner Brothers Studio shot a remake of "Maverick" with Mel Gibson. Glacier Point and Leidig Meadow are shooting sites. Twenty tepees are set up in Leidig Meadow and 150-200 people are involved in the production.

November

- November 6 - The Fresno Bee ran an article on the front page entitled "Yosemite Ranger May Have Shot Himself, Officials Say." This article was in regards to the July 16 shooting incident in Tuolumne Meadows involving ranger Kim Aufhauser.

- November 8 - A group of Castle Air Force Base employees visit the park.
- November 15 - The new Sentinel Bridge was dedicated with a ribbon cutting and traffic is allowed on the bridge.
- November 24 - The Tioga and Glacier Point roads officially closed for the season.

December

- December 21 - Secretary for the Resources Agency for the State of California, Doug Wheeler, visited the park.
- December 25 - California Governor Pete Wilson and family visited the park.
- December 28 - Park Ranger Ferdinand Castillo, 76, died. He was a well known ranger at Tioga Pass for nearly four decades.
- December 30 - Joseph H. Krischke, 41, of Camarillo, CA died from injuries sustained in a solo ski accident at Badger Pass.
- Annual visitation for 1993 was 3,983,749. That was an increase of .8 percent over the 1992 visitation which was 3,952,495.

DIVISION OF ADMINISTRATION

Budget/Fiscal

Operations of the National Park Service (ONPS) was underspent by ninety dollars. FTE usage decreased by 13.2 FTE from FY92.

Parkwide funding for FY93 was as follows:

	ONPS	Other	FTE
Superintendent	\$ 423,746	\$ 23,300	4.6
Safety	101,973	110,587	2.0
Concessions	176,262	-0-	4.9
Protection	3,884,003	726,675	141.4
Administration	1,562,810	-0-	45.3
Resources Mgmt	539,730	383,653	24.8
Interpretation	1,171,173	149,840	40.8
Maintenance	7,198,502	1,517,520	225.0
Total	\$15,042,648	\$2,911,583	488.8

Our utilities and quarters income increased by \$454,253 to a total of \$4,741,409 for FY93. Total for FY92 was \$4,287,156.

Contract/Procurement/Property

Don Haag, Supervisory Procurement Analyst, retired. John Beaver was acting Supervisory Procurement Analyst for 1993.

Clinton Gann, Materials Handler, retired. Steven Sickler was selected to replace him.

The contract, property and procurement offices were reunited.

Seventy-three contract actions were processed totaling \$1,046,000. Of this total, \$856,000 was awarded to minority firms through open competition. This was attained through emergency negotiations and the 8(a) program.

Two major underground storage tank contracts (UST upgrades and remote island fuel stations, totaling \$384,000) were terminated for default in June. The takeovers by Surety were negotiated. These contracts are now 98% and 87% completed, with subsequent modifications being negotiated for contaminated soil cleanup.

The Procurement Office processed approximately 5,402 requisitions totaling \$3,968,680.

The Third Party Draft process with a \$2,500 limitation was implemented in October. Due to the increased dollar limitation on the drafts, approximately 40 blanket purchase agreements were cancelled.

The Procurement Office was involved in three major search and rescue operations from June through September.

The Property Management Office acquired over \$950,000 in excess property.

Sales of personal property totaled \$22,000.

Human Resources

Forty-seven merit promotion vacancy announcements and 29 competitive registers through Delegated Examining Authority from the Office of Personnel Management were issued for permanent positions. Over 20 applicant supply recruitments were issued to fill approximately 350 temporary positions. More than 2800 applications were processed to fill these positions. At the present time, the Park has 48 delegated examining authorities from the Office of Personnel Management.

Yosemite has 419 established permanent positions, approximately 350 temporary positions, 20 Youth Conservation Corps (YCC) positions, 50 California Conservation Corps (CCC) positions, and approximately 1000 volunteers who contributed in excess of 80,000 hours.

Our staffing personnel participated in or coordinated eight outside recruitment trips.

Over 6,000 inquiries for employment were processed either in person or by telephone.

Over 250 "eight hour" orientation sessions were provided to temporary employees and 25 "full" orientations were given to new career-conditional employees.

In excess of 3,800 personnel actions were processed for 750 permanent and temporary employees.

A new automated SF-52 system was initiated and training was given to about 30 timekeepers and managers.

One hundred and seventy-two worker's compensation claims were filed. Many of these required technical advice and medical coordination.

The leave donation program was very active with Yosemite employees donating 1,224 hours of leave.

The backpay claims project was completed for the claims submitted. Over \$576,000 was paid to 37 employees who filed claims.

The position classification position was filled after having the position partially vacant for a period of over three years while the incumbent was disabled. The previous incumbent received OPM approval for a disability retirement.

Classification and staffing delegation was received from the Western Regional Office for positions at GS-12 and below and all wage grade positions, including supervisory positions.

A total of 155 employees received off-site training and 760 employees received on-site training in the following courses held in the park:

- Legal Update/Miranda
- Narcotics Influence
- Vehicle Code Update
- Mid-Career Retirement
- Cultural Diversity
- First Aid/CPR
- dBase IV
- Volunteer Program Management
- Better Office Skills
- Wildlife Resources Protection
- Lead Paint Abatement
- Cross Connection Control
- Defensive Tactics
- Chlorine Safety
- How To Build Customer Service
- Grammar and Usage
- How to Supervise
- Supervision for Law Enforcement
- Team Building
- Safe Driving
- TSP Update

Housing

The Housing Office relocated to a different area of the El Portal Administrative Building in order to better address the needs of Park employees.

During FY93, more than 1,000 assignments were made into permanent and seasonal housing.

Housing records through 1990 were microfilmed to provide better audit trails and facilitate the reduction of paper usage. Housing inspection forms were refined to provide better tracking.

The El Portal Trailer Court Action Plan was approved. A date of January 1, 2000 was set for the closure of the trailer park. Early notices of intent were sent to all occupants of the trailer park prior to October 1, 1993.

The housing staff worked closely with the Washington Office (WASO) and Western Regional Office (WRO) in responding to the many inquiries arising from the lawsuit-related concerns which have surfaced through congressionals generated by former occupants.

A Standard Operating Procedure (SOP) was approved for yard care. Copies of this SOP were sent to all permanent Park occupants. Maintenance B&G personnel aided in this effort by installing irrigation systems and replanting lawns throughout the Park.

A new quarters management inventory system was reviewed for the Department providing comments and consultation through the testing process. Yosemite is one of three NPS areas involved in this new process.

The Park's required occupancy plan was reviewed. The plan was updated to comply with the new standards set in place by the Internal Revenue Service. The plan was coordinated to work with the PayPers System (automated payroll system).

Construction was started on the final apartment building which will include six, two-bedroom units, and two, one-bedroom units. Ground was broken for 13 single family homes. These homes will be two, three, and four-bedroom units. One of the homes will have a high efficiency rating under the auspices of the Renewable Energy Laboratory and the Department of Energy.

Eight cabins were built to replace tent houses which were lost through severe winter storm damage.

Twenty-eight new one and two bedroom units were completed and assigned. Two of the units are handicap accessible.

Periodic meetings to resolve housing concerns were implemented.

Information Management

The staff assisted WRO with the design and configuration of their computer network and developed a strategy for connecting the Yosemite and WRO networks.

A park Wide Area Network plan was completed.

Work was begun on modeling park data and work processes using CASE (Computer-Aided Software Engineering) tools and developing a park data dictionary.

Analysis, design and prototyping of the Supply Management System was continued.

Several computer virus outbreaks were contained and "cured".

The staff managed a 14 percent increase in the number of personal computers. The Park's personal computers now total 206.

The storage and remote access capacity of the computer network in Yosemite Valley was doubled. Conversion of the network from ARCNet to Ethernet was started.

The staff assisted the Human Resources Office in implementing the SF52 and AVADS applications and aided the Wilderness Office in the design and implementation of a new wilderness permit application. The Housing Office was assisted with defining the requirements for occupancy and quarters income tracking. The staff worked with the Fiscal Office and Maintenance management to improve the utility billing system.

DIVISION OF CONCESSIONS MANAGEMENT

Personnel & Budget

Two Concession Management Specialists were hired in April. Bill Fay, who brought hospitality industry experience to the staff, was hired at the GS-07/09 level. Ron Parker was a real estate appraiser for Bureau of Indian Affairs (BIA) and has an educational background which includes both business and park management. Ron was hired as a GS-09/11.

Jackie Steuer, Concessions Assistant, was out most of the year with a work related injury. She returned to work half time at the end of the calendar year.

In FY93, the Division consisted of a Chief, GM-13, four Concession Management Specialists, three GS-11 and one GS-9, a Concession Assistant, GS-6, and a temporary GS-3 Office Automation Clerk.

The FY93 Budget was \$186,000. Since two positions were vacant for the first half of the year, lapse money was sufficient to cover the cost incurred the last half of the year.

Awards

Kim Tucker and Annette Catamec received Performance awards for their abilities of maintaining quality work while carrying massive workloads during a period the Division lacked two critical staff members and a major concession contracting action was underway.

Contracting

Primary Concession (vice-Yosemite Park and Curry Co. [YP&CCo.])

The following activities took place during 1993:

On December 17, 1992, the Secretary and the Director announced that Delaware North Companies (DNC) had been selected as Yosemite's next concessioner.

On January 11, 1993, YRT Services Corporation (YRTSC), a disappointed bidder for the contract, filed suit in the U.S. Court of Federal Claims seeking an injunction against the NPS award of the concession contract to DNC.

On March 24, 1993, with special interest groups questioning the selection and a new administration in place, the House Natural Resources subcommittees on Oversight and Investigation and on National Parks, Forests and Public Lands held a joint hearing on the process used to select a new Yosemite concessioner and the resultant proposed new concession contract. This was the first time that a Congressional hearing was conducted to review an NPS concession contracting action.

The National Park Service did a less than effective job of convincing the committees that a solidly based and fair decision had been made. A letter critical of the NPS handling of the process, signed by the chairmen of both subcommittees, was sent to the new Secretary of the Interior asking him to review the matter.

Upon full review of the procedures used and conclusions reached in the concession contract evaluation process, the Secretary sustained the NPS recommendation and the award of the concession contract to DNC.

On May 6, 1993, Judge Horn of the U.S. Court of Federal Claims issued an in-depth opinion and summary judgement which thoroughly reviewed and critiqued the NPS concession contract selection process and found that all of YRTSC's claims were without basis.

On June 30, 1993, a response to the letter from the chairmen of the House Natural Resources subcommittees was forwarded to Congress as part of the letter transmitting the proposed Yosemite Concession Contract for a 60-day congressional review period. No further hearings were held and no additional communication was received from Congress.

On August 27, 1993, Yosemite Park Services, L.P. (YPSLP), another disappointed bidder, filed suit in the U.S. District Court in Los Angeles.

On September 22, 1993, the U.S. District Court determined that it did not have jurisdiction over the case since the contract had not yet been signed.

On September 29, 1993, a DNC subsidiary merged with YP&CCo. and formed Yosemite Concession Services Corporation (YCS). The new Yosemite Concession Contract was executed by YCS and the NPS. YCS took over concessions operations for the remainder of the "old" contract.

YPSLP filed a motion with the U.S. District Court in Los Angeles requesting an order restraining the NPS from allowing DNC to conduct operations.

On September 30, 1993, the U.S. District Court denied the YPSLP motion for a temporary restraining order.

On October 1, 1993, the "new" Concession Contract took effect with Yosemite Concession Services Corporation as the Concessioner.

On October 15, 1993, YPSLP petitioned the U.S. District Court in Los Angeles requesting a temporary injunction against the NPS and DNC.

December 22, 1993, the U.S. District Court in Los Angeles issued a decision denying YPSLP's request for a temporary injunction.

The 15 year contract which was signed included terms and conditions favorable to the NPS. Those conditions included the following:

The Concessioner waived its right to possessory interest in former possessory interest improvements and agreed to pay off the purchase price (\$61.5 million as of October 1, 1993) plus interest. The initial value of the existing buildings and facilities will be depreciated to zero over the 15 year term of the contract. At the end of the contract, the buildings and facilities become government property.

The Concessioner will be responsible for maintenance of all buildings.

A Government Improvement Account (GIA), initially \$222,750 annually (for Wawona facilities), will be used as the NPS directs for the major capital maintenance and rehabilitation of government improvements (structures) which directly support concession services. The amount will be adjusted periodically. The GIA is in lieu of a Building Use Fee. No possessory interest will accrue to the Concessioner from the expenditure of these funds.

A Capital Improvement Fund (CIF) is established where the Concessioner will set aside 4.5 percent - 5 percent of gross receipts (4.5 percent equals \$4.1 million annually at 1992 receipt levels) to be used under NPS direction to implement the General Management Plan as revised by the Concessions Services Plan and other plans. Projects include: major capital needs and rehabilitation of existing structures; the construction of new facilities including functions moved out

of Yosemite Valley; the demolition of facilities being removed; the vegetative restoration of reclaimed sites; and ten percent to be used for the construction of other park facilities necessary for visitor enjoyment. No possessory interest will accrue to the Concessioner from the expenditure of these funds. The amount of the CIF will be reconsidered every four years with the Secretary of Interior determining the final amount.

The Concessioner will invest ten million dollars of company funds in the construction of facilities after year five of the contract. Once facility construction is completed, possessory interest value will be fixed for these facilities, and any additional construction with company funds, and will depreciate to zero over a 30-year period. All facilities will eventually become government property.

The Concessioner will accept concession-related responsibilities, some of which have previously been borne by the NPS. Initially valued at roughly \$750,000 annually, these responsibilities include: snow removal in concessioner areas including the Badger Pass parking lot; maintenance of utility lines, roads, and walks within areas assigned to the Concessioner; basic medical service and transport from Badger Pass Ski Area; maintenance of assigned trails; operation of a lost and found; and removal of hazard trees.

In consideration of the other contract requirements, the franchise fee will be initially set at zero percent of gross receipts but will be reconsidered every four years with the Secretary of Interior determining the final amount.

The concessioner is required to retain in-park, care for in a proper manner, and display where possible, valuable artistic, historic, or cultural artifacts currently located in the Awhahnee Hotel and other facilities. The actual value of these items has not been established by appraisal but has been estimated at nearly \$1 million.

The Concessioner is responsible for continued environmental cleanup.

A phased program will be established to provide soft-sided structures with secure storage for food items. The goal is to reduce the habituation of bears and other wildlife to human foods and minimize the potential for human-wildlife conflicts.

Gift and souvenir items will have a direct relationship to Yosemite, its environs and its history, or other related environmental or cultural topics. Specific gift shops will be restructured to emphasize certain park-related themes.

Other Concession Contracting

While the moratorium on concession contracting was lifted, contracts have not yet begun flowing through the process and a large contracting backlog exists Service-wide. The El Portal Chevron and Ansel Adams Gallery continue to operate on letters of authorization.

Chain Installation Services

At the start of a second year of this program, 26 persons were issued authorizations to provide snow chain services within the park. Authorized services included the installation, removal and repair of snow chains at designated chain control points on roadways and parking lots within Yosemite.

Tour Bus Program

Currently, 540 commercial tour/bus companies have Letters of Authorization to enter Yosemite National Park. The attempt to establish new procedures in a cooperative process with the bus and tour industry was not successful. Plans remain to replace the current authorization with a special use permit but no action was taken place during the 1993 calendar year.

Shuttle Bus Program

The Visitor Transportation System(s) (VTS) provided transportation services at the following levels during 1993:

Valley Shuttle:	3,534,803
Wawona Shuttle:	235,151
Badger Pass Shuttle:	50,360
Tuolumne Meadows Shuttle:	19,351

The park took delivery of an electric G-Van in April to use with the VTS operation. The G-Van was jointly funded by the California Energy Commission, Pacific Gas and Electric Co. and the park using funds from the VTS reserve account administered by YP&CCo. At the dedication of the G-Van in June, an announcement was made that another partnership was being formed with the

California Energy Commission, CALTRANS, Pacific Gas and Electric Co. and the park for the purpose of acquiring three electric buses to be used as part of the Valley Shuttle System.

Contract Administration

Concessioner Construction Projects

Approximately 40 capital improvement projects were completed or initiated during the fiscal year. Among the highlights were the construction of the new Nob Hill showerhouse after demolition of the old building, walkway system replacement at Curry Village and construction of the new Sunrise High Sierra Camp showerhouse and composting system.

Concessioner Annual Overall Ratings

Each of 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. Over 300 concession evaluations were conducted in FY93.

Other

The concern for adequate child care in Yosemite Valley resulted in a visit from Bruce Wadlington, Chief, Division of Concessions Management at Grand Canyon National Park, who was instrumental in developing a model partnership between the concessioner, National Park Service and contract child care provider at that park. He participated in an assessment of the park's child care needs and existing primary provider. The model used in Grand Canyon will be used in planning for future child care needs in Yosemite.

DIVISION OF INTERPRETATION

Len McKenzie, Chief Park Interpreter for 18 years accepted a position as Assistant Superintendent at Golden Gate National Recreation Area. He vacated his position on May 1993. From November 1992 to February 1993, he was detailed to Lava Beds National Monument as Acting Park Superintendent. His enthusiasm and dedication to Interpretation will long be remembered. During his absence, several people assisted as Acting Division Chief including: Dan Card (Wawona District Interpreter); Cherry Payne (Valley District Interpreter); Lisa Dapprich (Public Affairs Specialist); and Bill Truesdale (from Joshua Tree National Monument) .

Washington Office (WASO) Interpretive Initiative Funding in the amount of \$160,000 was received for 1993. The total was split between the Interpretation and Protection Divisions. This allowed increased seasonal staff, interpretive programs and visitor services.

Valley District

Contacted over 1,500,000 visitors in the Valley Visitor Center (VC) and Happy Isles Nature Center (HINC).

Contacted 27,000 visitors through roving assignments.

Hosted approximately 8,000 visitors on Valley District walks/tours.

Contacted 53,000 visitors during talks and evening programs.

Affected 23,000 children through Junior and Senior Ranger and school programs.

Hosted 1,900 visitors for special events/programs (including Air Force Band concert).

Contacted 56,000 day-use visitors with orientation programs. (Note that 4,080 hours of work provided by Volunteers In The Parks Program; of these hours, 2,320 were provided by student interns.)

Lower Pines Amphitheater was rehabilitated using Yosemite Fund donations. Rehabilitation included new audio/visual (AV) equipment, repairs to existing equipment and complete replacement of benches in amphitheater. The majority of labor on this project was accomplished through volunteer help, supervised by

Jack Phinney--a long time volunteer. Jack Phinney was subsequently honored as Yosemite's VIP of the Year.

Jack Phinney completed a variety of visitor-oriented projects, including the annual opening and closing of Happy Isles Nature Center. This project is operated solely by volunteer help.

Indian Cultural Program

Over 350,000 visitors were contacted in the Indian Cultural Museum during 1993.

More than 800,000 visitors viewed demonstrations and walked through the Indian Village.

Summer activities included storytelling, games, lifeways demonstrations on arrow making, acorn processing, and weekly walks.

Annual "Big Time" celebration was held in the Indian Village the third week of June.

Indian Cultural Museum (ICM) Staffing included:

- Julia Parker - GS6/step 8 1 FTE
- Barbara Dolsman - GS4 one year temp. appt.
- Ivabelle Mowrey - GS5 partime employee for three months in the summer
- Phil Johnson - GS4 seasonal - worked four months, put on intermittent in September to attend Police Academy in Santa Rosa
- Chris Brochinni - YA Student Intern (10 weeks)
- Gail Frick - volunteer 40 hrs/week summer through mid-fall.

This was the largest ICM staff in several years, resulting in expanded museum hours and more activites in the Village.

Education Program

Hired Betsey Clopine, GS-5 Park Ranger/Education Coordinator in February to develop, advertise and coordinate school programs in Yosemite Valley District, to coordinate Yosemite's Teacher Intern Program and to participate in Commencement 2000.

School Program Highlights

Continued work on a five-year education plan for the park.

Served as a consultant to other national and international parks and agencies for developing education programs at their sites.

Presented a workshop on Environmental Living Programs (ELPs) for the staff of John Muir National Historic Site (NHS) and Eugene O'Neil.

Established partnership with Fresno Unified School District.

Participated in curriculum planning sessions at Yosemite Elementary School.

Updated lesson plans used by Valley Division of Interpretation (VDI) field staff for spring and fall school programs.

Participated as a presenter at the "Managing National Park Service (NPS) Educational Programs" training at Harpers Ferry in May and at Lowell NHS in November.

Presented a three day session on children's programs and interpretive techniques at Canyon de Chelley.

The education program was successful in hiring a spring student intern (funded by YA).

Consulted with members of the concession staff concerning educational materials to be featured in the new concession store at Yosemite Lodge. The theme of the store will be natural history and will include items similar to the Nature Company stores.

Received \$5,000 grant from National Park Foundation to develop a Teacher Guide.

Teacher Intern Program

Received \$14,000 grant from the National Park Foundation to fund 1993 Teacher Intern Program (TIP) program.

Advertised education and Teacher Intern Program (TIP) in every issue of the Yosemite Guide produced in 1993. TIP consists of ten people - seven teacher interns, one student intern and one seasonal park ranger supervised by the Education Coordinator.

Presented an "Open House/Show and Tell" at HINC for the park staff to observe the program and progress of the summer's TIP staff. Staff field tested and modified many of the previously written lesson plans and succeeded in acquiring support from the Yosemite Association to publish completed lessons as a sales item.

Successful in publishing an article advertising the TIP in the national publication Education Week and in the National Association of Interpretation Journal, Legacy.

Commencement 2000

Assistant Superintendent, Jerry Belson, committed Yosemite to participate in the program along with staff from the Western Regional Office (WRO) and Golden Gate National Recreational Area (GGNRA). Commitment required monthly meetings with other participating members in Sacramento and/or Oakland.

(Commencement 2000 is a program involving WRO and GGNRA as well as other governmental organizations. The program targets inner city children from Sacramento and Oakland and strives to make them aware of their environment and of careers in a variety of governmental agencies.)

Main accomplishment included coordinating a field study trip allowing Oakland's Castlemont High School and King Estates Junior High students to spend several days in the park.

Presented video about Commencement 2000 program to VDI Field Staff and to the Yosemite National Park Equal Opportunity (YNP EO) Committee to foster understanding and support of the program.

International Visitors

Designed and produced Yosemite National Park (YNP) pins to be used as gifts for international dignitaries.

Arranged for the hosting of approximately 30 international visitors, dignitaries or groups in the park throughout the year.

Employee Assistance Coordinator

Met with Administration/Personnel to discuss the training of supervisors by MB&A.

Advertised Employee Assistance program frequently in the Daily Report and on cc:Mail.

Presented two videos about the Employee Assistance Program to park staff.

Responded to frequent inquires from NPS staff about the services provided by the Employee Assistance Program.

Valley Field Program

Hosted annual Air Force Band Concert. Approximately 400 local residents and visitors enjoyed the concert held on the Mall.

For first time in years, scheduled evening programs were given every night at both NPS amphitheaters (in the summer) and three evenings/week in the concession facilities.

Initiated Yosemite Guardians program with Resources Management. This hands-on program was designed to provide visitors with the opportunity to help with park rehab/revegetation work. The success of this program warrants its continuation next summer.

Expanded children and family programs offered in the Valley. Programs consisted of Junior/Senior Ranger programs, offered four days a week, Family Campfire, offered two days a week, and Family Affair afternoon program, offered two days a week.

Special Populations

The responsibility for Yosemite's Deaf Services Program falls under the Valley District Interpretive operation.

Continued Deaf Services Program (DSP). Program consisted of two sign language interpreters on staff from mid-June through September.

Expanded advertising and recruitment for Deaf Services Program by purchasing a mailing list of Gallaudet University alumni from California and Nevada. Many hearing impaired, first-time visitors reported planning their park visit after receiving Yosemite's mailing concerning the DSP.

DSP staff responded to the needs of pre-arranged visits by two organized groups (one group of 20 deaf adults from New England; another group of 28 deaf students from Laney College). Several interpretive programs were signed for these groups.

DSP staff also responded to the concessioner's need for sign language interpreters. Notable events included signing for a wedding ceremony at The Ahwahnee hotel and signing for a tour of the Wawona Hotel facilities conducted by the hotel's special events coordinator.

Throughout the year, the DSP staff was called upon at least monthly to perform sign language interpreting for a variety of meetings, trainings, etc. for the deaf employee hired in the park.

The DSP program offered an evening class in basic sign language for park residents and staff throughout the eight week summer season. The class was more successful than in past years, with the average number of students 26.

DSP summer statistics:

Valley VC contacts = 218
NPS program contacts = 213
Concession program contacts = 38
TTY calls in Valley VC = 37

Mather District

The Mather District Interpreter position was filled on a permanent basis for the first time since 1989.

The Big Oak Flat Subdistrict Interpreter position was filled on a permanent basis in October.

Half day interpretive hikes were initiated at Hetch Hetchy. These programs were offered on Saturdays throughout the summer and were well attended.

Interpretive tours of the Tuolumne Grove were increased to six per week during the summer. Programs in the autumn were expanded and winter snow shoe hikes were reinstated. Additional roving contact were provided at the head of the Tuolumne Grove Road, which was closed to vehicle traffic for the entire year.

Constructed and installed interpretive information displays at the Big Oak Flat Information Station, White Wolf, and Tuolumne Meadows.

Experienced an increase of 200,000 visitor center contacts in Mather District during 1993. This nearly doubled 1992 figures.

Eight special programs were presented at Parsons Lodge during the summer. Slide presentations, a children's environmental music concert and one-person dramatic plays were presented by local artists. Those who donated their time to present programs were Keith Walklet, Gail Dreifus, Michael Frye, Jeff Pappas, Lee Stetson and Connie Stetson.

Ninety-year-old interpreter, Carl Sharsmith, returned to Tuolumne Meadows and his 60-plus years of NPS experience continued to inspire the staff and visitors.

The staff continued to work with Concessions Management and Yosemite Park and Curry Co. (YP&CCo.) to develop signs, schedules, and public information for the free Tuolumne Meadows

shuttle service. The Tuolumne Meadows shuttle has helped reduce traffic between Tenaya Lake and the eastern end of Tuolumne Meadows.

The Chief Park Interpreter and Tuolumne Subdistrict Interpreter continued to represent the park in CURES (Coalition for Unified Recreation in the Eastern Sierra).

Wawona District

Staffing

In 1993, the Wawona District was nearly fully staffed for the first time since the 1970's. We were able to fill the vacant GS-07 history center supervisor position with Laura Seager. We also filled the vacant GS-06 lead park ranger position at the Mariposa Grove with an upgrade to GS-07 and the transfer of Althea Roberson. This was a tremendous boost for productivity because it evenly distributed the work load.

Dan Card was Acting Chief of Interpretation for five months.

Visitation and Programming

This past year was busy with over 240,000 visitor contacts and 48 different programs offered. Visitation at the information center doubled from 12,000 to 26,000. The operation increased and as a result increased the amount of resource protection through interpretation at the Mariposa Grove, Glacier Point, Pioneer History Center and Badger Pass.

Mariposa Grove

The Mariposa Grove had 85,328 roving visitor contacts and 14,106 program contacts. This was up from 1992 (71,198 roving and 11,012 program contacts). Visitation increased dramatically in March of 1993, possibly because we were offering three more interpretive walks per week.

The Yosemite Concession Services (YCS) gave 5,481 interpretive tram tours with approximately 40 passengers on each tram totaling 219,000 visitor contacts.

Completed the text for the upper Mariposa Grove interpretive trail which will be installed this spring.

Laura Seager developed a Mariposa Grove Teachers Curriculum Guide which included a vocabulary, pre and post site activities,

background information, on-site lesson plan, tree key, review questions, resources and references. The plan is to use this material with teachers attending the Environmental Living Program.

We have initiated off-site programming with Camp Green Meadows outside the South Entrance. This program has the potential of reaching 100 students per week.

Shuttle Bus

Vehicle traffic levels and control have become a critical problem over the last four years. There is an interpretive message delivered on the shuttle bus by the shuttle bus drivers. The situation reaches a pinnacle during each July, August, and September when every parking space in Wawona is filled daily. The impact on visitor's experiences are reflected in the YCS shuttle use figures:

1990	37,100	First year baseline
1991	57,800	May - July 56% increase
1992	94,700	May - July 63% increase (205,914 full year)
1993	119,300	May - July 26% increase (238,000 full year)

Glacier Point

At Glacier Point we had 31,000 roving contacts and 3,210 program contacts. We did not do campfire programs this year at Bridlallvail Creek Campground because it was closed. Dick Ewart was involved in 26 medicals, four Search and Rescues (SARs), and four Motor Vehicle Accidents (MVAS) as official first response in the situation.

Pioneer Yosemite History Center

The History Center used nine volunteers for a total of 3,804 hours. We made 67,495 visitor contacts during the year. Several special programs were offered including the July 4 celebration, Old Fashioned Christmas, and barn dances. Total visitation for these special programs was 2,045 visitor contacts.

The stage operation in 1993 carried 6,238 passengers which resulted in \$22,252 in revenue. Program logistics cost \$21,500 with a small net profit.

Badger Pass

This year Badger Pass offered seven day per week interpretive programs resulting in 11,000 roving contacts (8,000 in 1992), and 1,600 program contacts (1,229 in 1992).

Mobile Information Trailer

The Yosemite Fund donated \$18,000 for the development of a Mobile information trailer. The project was headed by Dan Card who designed and ordered the interpretive contact station. We made 12,300 visitor contacts at this station.

The Environmental Living Program

This year's program reached 900 students and over 600 roving contacts. We completely rewrote the Teachers Handbook and developed a new helper guide. The program was revised to create authentic conditions for the young pioneers and provide resource protection to adjacent meadows which were being trampled. Currently we are developing research materials for teachers to use in their classrooms with the aid of computer technology.

The Yosemite Association Student Intern Program

Kathy Krisko coordinated the student intern program this year and reorganized the structure of the program. The park had an additional 13 interns who worked for Fee Collection. We also developed the intern handbook and a supervisor's handbook.

Traveler's Information System (TIS)

This system was installed at South Entrance.

Resource Protection

Provided assistance to visitor protection staff in mitigating deer feeding problems at the Wawona Golf Course by having roving interpretative contacts during the year. Marshall Long completed the fencing project this summer which significantly reduced the number of deer incidents.

Coordinated an interpretive "set team" at the Mariposa Grove during a prescribed burn in August. This was the first time interpretation was involved in the planning and daily operations of a prescribed burn. A total of 3,068 visitor contacts were made during the three day event.

Developed and implemented a resource protection plan for the Mariposa Grove which included trail sign maintenance, a new trail head, realignment of fencing, and directional/management signing in the parking area.

Mapped, reported and eradicated mullein and thistle in the Mariposa Grove.

Developed and implemented "Zone" coverage for roving interpretation in the Mariposa Grove to make rangers more visible through-out the grove's trail system. The system worked well with a ranger in the parking lot, lower grove, Grizzly Giant area, and upper grove every hour.

Initiated a baseline data study in the Mariposa Grove to determine what visitor impacts occur there.

Purchased reproductions for Pioneer Yosemite History Center (PYHC) allowing historical artifacts to be placed in protective storage.

Worked with maintenance, visitor protection and local residents to dedicate the Pioneer Cemetery in Wawona. New fencing and a plaque were installed to keep the area well marked and protected.

Completely reconstructed the work room in order to provide work space for employees and offer better protection for the resource library.

YOSEMITE RESEARCH LIBRARY

Acquisition

Accessioned 410 items, of which 156 were purchased (149 books, four rare/out of print books and three pieces of ephemera).

Circulation

These 1,931 items included 874 books, 439 periodicals, 284 photographs and 171 books sent to the Tuolumne Meadows Branch Library.

Public Contacts

The library was open to the public 193 days with a staff of one. It averaged 195 visitors and 177 phone calls per month with 267 information requests - 100 of which were photo related. Forty researchers were assisted including the Cultural Landscape Team.

Photocopying

Completed five large projects, totaling 2,244 pages

Photo Orders

Completed 62 photo orders (14 NPS/48 private) using Research Library negatives. This totaled 587 prints (333 NPS/254 private).

Periodicals

Maintained 100 periodical subscriptions, 77 of which are paid subscriptions.

The Research Librarian also participated in the Collections Management Review (November 1993) and attended the Antiquarian Book Fair, San Francisco (February 1993).

HISTORIAN

In addition to assisting with the daily operations of the Yosemite Research Library, answering agency requests for information, and helping many researchers and students of

Yosemite, the Historian worked to settle details and location of the proposed Archives Building. He participated in the Collection Management Plan meetings for Yosemite, provided review and historical background for the park's Cultural Landscape Report, and produced reports on salmon in the Merced and Mt. Lyell Salamanders on Half Dome for the Superintendent. The Historian continued to act as a liaison with the U. S. Geological Survey on rockslides and other geological matters and helped reinter human bones in Hetch Hetchy and Pate Valley. The Historian is also coordinator of the Wilderness Historic Resources Survey which completed its sixth season in the area mostly west of the upper Merced River and south of the Glacier Point Road. Most of the Wilderness Historic Resources Survey forms were brought up to date for deposit in the Yosemite Research Library and entry into the park's Geographic Information System.

PUBLIC AFFAIRS OFFICER/PUBLIC INFORMATION OFFICE

The following is a list of accomplishments for the Public Affairs Officer and Public Information Office for 1993:

Produced 103rd Congressional Briefing Statements

Prepared the Superintendent's Annual Report

Handled nine Freedom of Information requests

Produced over 88 press releases

Handled over 2,500 press contacts (during the Aufhauser shooting we handled 500 media contacts in four days)

The Public Information Office (PIO) answered 30,780 telephone calls and 13,345 information requests.

Successfully secured The PBN Company, a San Francisco based advertising firm to provide "pro bono" work to assist the park in developing a campaign to educate the public about human/bear problems.

With the aid of PBN, a joint campaign with Sequoia and Kings Canyon National Parks was designed to help mitigate human/bear problems.

Worked with Delaware North representatives, Chief of Concessions Management for the Western Region Steve Crabtree and the WASO Solicitor on coordinating media interviews in the park regarding the concession contract. They were advised of potential pitfalls and opportunities.

Secured \$15,000 from Aid-to-NPS to design and produce a new bear brochure in conjunction with SEKI.

Worked with the Yosemite Fund and the California State Resources Agency on marketing the Yosemite License Plate.

Advised a public relations firm hired by Delaware North of local and national media contacts, environmental reporters, editors, publishers, and their various positions on the park. Advised firm of possible pitfalls or opportunities.

Produced visitor profile fact sheet handout.

Researched and updated current editors, environmental writers, publishers, etc. covering the park for use by the Superintendent.

Began developing General Management Plan (GMP) accomplishments handout.

Wrote letters to publishers and executive editors of the L.A. Times, San Francisco Chronicle, Modesto Bee, Sacramento Bee, and Fresno Bee on behalf of the Yosemite License Plate program asking for a full page ad donation on the program. We successfully secured the Modesto Bee.

Worked with the Yosemite Fund on designing a publicity campaign for Yosemite.

Produced a Spring Fact Sheet for use with the media and public on wildflowers, waterfall peaks, normal precipitation and effects on flora and fauna, trail openings, etc.

Worked with Keith Schiller, Chairman of the Yosemite License Plate Committee to coordinate an all day media swing for the Superintendent on the License Plate including, Ch. 2 (KTVU), San Francisco Chronicle, KGO Radio, The Contra Costa Times, "Informed Viewer" television.

Coordinated with the U.S. Information Agency Foreign Press Center in L.A. for a visit of 13 foreign journalists. The Superintendent addressed the group on the state of the park.

Produced expanded Fact Sheet and updated black bear handout.

Rewrote and edited the smoking policy for the park.

Worked with PBN Company to obtain a graphic designer to produce the bear logo pro bono.

Contacted a professor of Journalism at Fresno State University to discuss the idea of one of his graduate classes in journalism/public relations design a campaign to reach non-English speaking visitors.

Conceived idea and made contacts for benefit concert by Kenny Loggins for Yosemite and Sequoia bear campaign.

Obtained a New England artist who donated all the artwork for Site Bulletins.

Coordinated all logistics, press conference, luncheon for media event for Yosemite License Plate dedication involving the Governor's Office, State Resources Agency, Yosemite Fund Committee members, YP&CCo., etc.

Contacted and made arrangements for the Superintendent to be the guest speaker at the California Society of Newspaper Editors annual meeting in Reno, Nevada.

Developed comprehensive public relations strategy for Memorial Day closure of park. Included news releases, meetings with surrounding chambers, hotels, handouts at the gates, etc. and established communication plans with outside entities.

Handled all media contacts and interviews for SARS, water safety, plane crashes, climbing fatalities, park closures visitation, the Aufhauser shooting (which we received 500 media contacts in 4 days), etc. Contacts ranged from local media to all the networks (ABC, NBC, CBS, CNN) USA Today, New York Times, CBS Morning News, etc. With the Aufhauser shooting July 14 the emphasis was to protect Aufhauser from the press, ensure that the information released did not jeopardize the investigation and that the needs of the press and incident personnel were met.

Coordinated major media event, luncheon and symposium with the State Energy Commission and PG&E on our partnership and promotion of alternative fuel vehicles.

Set up meeting with Sunset Magazine Editors for Superintendent to discuss state of the park.

Coordinated Director Kennedy's visit to the park June 25-27, including a press conference with print and electronic media including CBS Evening News.

Developed comprehensive press kits for transfer of concession to Delaware North Companies and handled media inquiries. This involved working closely with the concession management staff to identify and prepare all written material needed for press and public inquiries regarding the contract.

Worked with NBC Today Show, CBS Evening News, National Geographic, Discovery Channel, New York Times, Global TV Network of Brazil on various story lines and angles.

Advised management and designed and implemented public relations strategies on sensitive issues such as the bus restriction plan, HWY 140 bus problems, park closures, rafting closure, etc.

Developed new sign concepts for campgrounds including new bear signs, KEEP YOSEMITE WILD w/ multiple messages, signs on picnic tables about bears and resource management messages.

Worked with Resources Management to develop air quality and multiple message signs for picnic tables and campground bathrooms.

Worked with Warner Brothers studio to develop public information and media strategy and requirements for the shooting of "Maverick" for four days in October.

Consulted with Director of Communications for Delaware North and the President of the YP&CCo. about the concession contract signing, media coverage, meeting environmentalists, community receptions, strategy for ensuring a smooth transition when the contract changes hands.

Worked with Resources Management to develop a handout on Mt. Lions.

Worked with NBC Nightly News, CNN, Today Show and David Letterman on Carl Sharsmith.

Worked with Chief Ranger on public relations strategy on how to best handle Aufhauser investigation and leaks suggesting he shot himself and lead story in the Fresno Bee "Yosemite Ranger May Have Shot Himself, Officials Say".

Coordinated visit of Castle Air Force personnel.

Contacted the Modesto Bee Executive Editor on donating a full page ad for the Yosemite License Plate street day which they did.

Assisted Yosemite Concession Service staff on editorial board meetings, local and state media contacts after contract was signed.

Coordinated Sentinel Bridge Dedication.

Met with Sunset Magazine Editorial Board to discuss potential story ideas.

Met with the Marriott's public relations consultant to discuss issues of mutual concern.

Produced new bear brochure and obtained 200,000. Sequoia and Kings Canyon National Parks (SEKI) was given 60,000.

Worked with television show "L.A. Law" writers on story line and accuracy of story to take place in Yosemite in February.

Produced new disabled access site bulletin.

Photography position was moved to Curatorial.

**PUBLIC CONTACT, TOURS, TALKS AND TRAINING
CONDUCTED BY YOSEMITE MUSEUM STAFF
1993**

TOURS

(for about 525 people)

- 1/12/93 Collection Room Tour for members of Yosemite archeology and research staff (6 participants)
- 1/20/93 Tour for NPS employees (Resources staff) (6 participants)
- 1/22/93 Tour for Yosemite staff members (YP&CCo., NPS, AA Gallery - 6 participants)
- 2/6/93 Tour of Collection Room for visiting artists (6 participants)
- 2/27/93 Tour of Collection Room for NCR Regional Curator and Curator GOGA (2 participants)
- 3/3-5/93 Tour of Collection Room for WRO curator (1)
- 3/4/93 Tour of Collection Room by Yosemite Valley B&G staff (6)
- 3/17/93 Tour of Collection Room for individuals interested in Yosemite Climbing history (2 participants)
- 3/18/93 Tour of ethnographic collections for Native American group, including descendants of local Yosemite Indian people (4 participants)
- 3/23/93 Tour for NPS Maintenance division employees (6 participants)
- 3/27/93 Yosemite Fund "Protector" Weekend: tours of Collection Room and showing of historic photographs (40 participants broken into small groups for tours)
- 3/31/93 Tour of Collection Room for new NPS employee (1)
- 4/1/93 Tour and research in Collection Room with local Native people (2 people)
- 4/13/93 Tour of Collection Room for researchers working on YOSE Historic Landscape Study (4 participants)

- 4/13/93 Tour of Collection Room for YNP visitors (2 participants)
- 4/13/93 Tour of ethnographic collection in Collection Room Sarah Brewster--artist working on illustrations for coloring book on local native people (1)
- 4/13/93 Tour for Yosemite Association employees (5 participants)
- 4/15/93 El Portal school group (grades 3-6), studying local history in preparation for trip to Wawona to participate in Living History Program, tour of collections room, museum gallery, ICM, Indian Village and Visitor Center art show (36 students and 3 teachers, broken into 6 groups: involved 4 museum staff members to lead groups)
- 4/16/93 Tour of Thomas Hill paintings in Collection Room for descendants of Thomas Hill (4 participants)
- 4/19/93 Tour of paintings in Collection Room for YP&CCo. executives (2)
- 4/20/93 Tour of ethnographic collection in Collection Room for visiting scholar from Germany and colleague (2)
- 4/20/93 Tour of Collection Room for visitors (4 participants)
- 4/21/93 Valley District Interpretation Training, tour of collections room, Indian Cultural exhibit, museum gallery (12 NPS staff members, broken into small groups)
- 4/28/93 "Take Our Daughters to Work" day: tour of collections room and museum gallery (18 participants broken into 3 groups)
- 4/29/93 Tour of Collection Room for visitors (3 participants)
- 4/29/93 Tour of Collection Room for visitors/artists (2 participants)
- 5/4/93 Tour of Collection Room ethnographic material for descendant of local Native people (2 people)
- 5/19/93 Tours of Collection Room for employees (NPS, YP&CCo.) (9 participants in 2 groups)
- 5/25/93 Tour of Collection Room for NPS employees (5 participants)

5/26/93 Tour of Collection Room for YTS tour leaders (5 participants)

5/26/93 Tour of Collection Room for descendants of Judge B. K. Shea of Yosemite, to view Shea materials (3 participants)

5/28/93 Tour of Collection Room for visitors (descendants of Herbert Earl Wilson) (5 participants)

6/14/93 Interpretation Seasonal Training: tours of collections room, Indian Cultural exhibit, museum gallery (28 NPS employees broken into small groups)

6/15/93 Interpretation Seasonal Training (same as above: 11 participants)

6/23/93 Collection Room tour with retired NPS employee and friends (5 participants)

6/23/93 Yosemite Association ethnobotany seminar group: tour of collection room (16 students in small groups)

6/25/93 Collection Room tour with person from University of Arizona (1)

7/8/93 Tour of Collection Room with NARO Archaeologist (1)

7/15/93 Collection Room tours with visitors (2)

7/22/93 Tour of Collection Room with visitors (2)

8/6/93 Tour of Collection Room for NPS employees (3)

8/10/93 Tour of Collection Room for visitors (3)

8/12/93 Tour of Collection Room for Heard Museum personnel (4)

8/16/93 Tour of Collection Room for NPS personnel from NARO (1)

8/19/93 Tour of Collection Room for visitors (2)

8/25/93 Tour of Collection Room for YP&CCo. employee (1)

8/26/93 Tour of Collection Room for NPS employees (5)

8/31/93 Tour of Collection Room for spouse of NPS employee (1)

9/8/93 Tour in Collection Room with visitors (2)

9/8/93 Tour in Collection Room for new Chief of Resources (1)

9/9/93 Tour of Collection Room for visitors (4)

9/16/93 NPS Alumni Group: tour of Collection Room (12 participants broken in to smaller groups)

9/21/93 Tour of historic paintings in Collection Room (2)

9/27/93 Tour of historic paintings in Collection Room with park visitor (1)

9/30/93 Tour Collection Room with donor (1)

10/18/93 Tour of Collection Room for potential donor (1)

10/22/93 Tour of Collection Room with park visitor (1)

10/27/93 Tour of Collection Room for visitors (12 people in two groups)

11/3/93 Tour of ethnographic collections for visitors (2)

11/4/93 Tour of Collection Storage for official from the Republic of Georgia (1)

11/4/93 Tour of ethnographic collections for visitors (2)

11/5/93 Tour of Collection Room for visitors (2)

11/7/93 Tours of Native American collections (archeology and ethnography) for members of Mono Lake Paiute community (35 participants, broken into small groups)

11/7/93 Collection Room tours for members of the CSU Stanislaus Art Dept. and the President of the University (15 participants broken into smaller groups)

11/8/93 Tour for members of Collection Management Plan team (3)

11/10/93 Collection Room Tour for park visitors (2)

11/11/93 Collection Room Tour of ethnographic collections for former curator of State of California Department of Parks and Recreation collections (2)

11/12/93 Foothill Horizons (Stanislaus County Environmental Education Camp at Sonora) instructors: tour of ethnographic collections (7 participants)

11/12-17/93 Tours for members of CMP Team (6)

11/23/93 Tour of ethnographic collections in Collection Room for visitor (1)

- 11/24/93 Tour of Collection Room (especially photography) for visitors (2)
- 11/26/93 Tour of Collection Room for visitors (descendants of artist Thomas Hill) (6 participants)
- 11/26/93 Tour of Collection Room for descendants of local Native Americans (5 participants)
- 12/14/94 Tour of Collection Room with visitors (2)
- 12/16/93 Tour of Collection Room with members of Art Dept., CSU Stanislaus (2)
- 12/28/93 Tour/Research in Collection Room (particularly with ethnographic material and Frank Latta material) with local Native American family (3)
- 12/28/93 Tour of Collection Room for visitors (4)
- 12/28/93 Tour of Collection Room for visitors (2)
- 12/30/93 Tour of Collection Room (particularly ethnographic material) for visitors (4)

RESEARCH LIBRARY AND ARCHIVES

19 Tours of the library and archives facilities (74 participants)

TALKS, SLIDE SHOWS, PUBLIC MEETINGS, ETC.

In recent years, members of the museum staff have made regular presentations at Yosemite Association and Yosemite Fund functions. Some of those presentations include a day of activities for Southern California YA members at the Southwest Museum (400 people); a talk to the Museum Sales Association on the Yosemite Museum at their annual meeting (250 people); talks and slide shows for the YA Spring and Summer Members' Meetings; and talks, tours and public events for the Yosemite Fund. Due to decreased staffing in 1993 (and the reassignment of D. Forgang to Resources for most of the year), and a number of special projects that required a lot of staff time, the staff did fewer talks and presentations in 1993 than in past years.

- Monthly Meetings with Mariposa Indian Council of Mariposa County
- 2/6/93 Talk at opening of the Yosemite Renaissance Art Exhibit (ca. 200 people)
- 3/24/93 Presentation "Scholars and Collectors Among the Sierra Miwok: What Did They Really Find" at Brown Bag Lunch series, El Portal Research Center. (Presentation was a reprise of a talk given by Bates at the American Anthropological Association Meetings in San Francisco, December, 1992.)
- 4/21/93 Presentation for Valley District Interpreters on Yosemite Indian culture
- 6/16/93 Presentation at Crane Flat for Mather District Interpreters on local Native American culture and history
- 6/21/93 Conducted training for Indian Cultural Program staff members at Casa Diablo/Mono Lake
- 8/31/93 Meeting at Mono Lake with members of Mono Lake Paiute Indian community
- 11/7/93 Slide presentation on traditional and contemporary art in Yosemite for members of California State University, Stanislaus Art Dept. and President of the University
- 11/7/93 Talked to about 40 members of the Mono Lake Paiute community on ethnography and archaeology in the Yosemite Museum collection
- 11/8/93 Slide program for Mariposa County Audubon Society on the Yosemite Museum Collection and Slide Library

BY LIBRARY AND ARCHIVES STAFF

- 4 Slide presentations
- 2 Talks to university groups
- 1 Orientation talk for agency employees
- 1 Talk for public television

RESEARCH IN COLLECTION ROOM

[Note: Working in the museum collections with researchers takes a lot of staff time. While researchers' projects vary in the amount of time they need--from an hour to a week or more--the average time spent with each researcher is about 6-8 hours.]

- 1/6-12/93 Research with photographer for illustrations for book on Yosemite; selected a variety of ethnographic, historic, archaeological, and natural history specimens for photography. Assisted photographer in positioning objects for photography.
- 2/24/93 Work in Collection Room with artist to design California Archeology Week poster (interagency project) -- pulled wide range of objects from collection for artist to photograph (i.e. ethnographic, archaeological and historic artifacts)
- 3/29/93 Tour and research in Collection Room with local Native Americans on basketry (2 participants)
- 3/30/93 Research with individual interested in California basketry (1)
- 5/3/93 Tour/research with ethnographic collections in Collection Room with basket maker (1)
- 5/17/93 Tour/research in Collection Room with researchers interested in Yosemite artists (2 participants)
- 5/18/93 Tour/research in Collection Room with researchers interested in Yosemite artists (2 participants)
- 5/19/93 Tour/research in Collection Room with researchers interested in Yosemite artists (2 participants)
- 6/1/93 Research with ethnographic collections in Collection Room with NPS employee (1)
- 6/7/93 Research in Collection Room with descendants of Yosemite Native people (one person to view steatite carvings; another to do genealogical research)
- 6/10/93 Research with beadwork in Collection Room with NPS employee (1 participant)
- 6/10/93 Research with ethnographic collections in Collection Room with local Native American.
- 6/17-22/93 Researchers from University of Arizona in Collection Room (7 people from 6/17-6/22)

- 6/28/93 Research with Bay Area publisher, looking at Native American photographs in museum collection for possible use in publications (2)
- 6/29/93 Research in Collection Room with visitor/teacher (1)
- 6/29/93 Tour/research in Collection Room with visitor (1)
- 7/1/93 Research with historic maps Collection Room with visiting researcher (1)
- 7/8/93 Research with historic materials in Collection Room (1).
- 7/15/93 Research with historic materials in Collection Room (2)
- 7/20/93 Research with bat collection in Collection Room (2)
- 8/4/93 Research with Rice prints in Collection Room (1)
- 8/4/93 Research in Collection Room with members of Cultural Landscape Study (2)
- 8/5/93 Same as above
- 9/1/93 Research with ethnographic collection in Collection Room with researcher (1)
- 9/2/93 Research with YOSE archaeology staff with historic materials (1).
- 11/3/93 Tour/Research in Collection Room for YP&CCo. staff and visitor (3)
- 11/29/93 Tour and research with artist and YA staff (2)

RESEARCH IN LIBRARY AND ARCHIVES

See attached listing of 95 researchers who used the library and archive facilities.

MUSEUM GALLERY STATISTICS

Only two exhibits were hung in the Museum Gallery in 1993 (instead of the usual three), because the Museum Curator was detailed to Cultural Resources. The gallery is staffed by Yosemite Association volunteers who are recruited and trained by members of the Curatorial staff.

Historic Paintings Exhibit (Oct. 1, 1992 - Jan. 3, 1993)
[Stats for the last three days of the show]
Approximately 200 visitors

Yosemite Artist-in-Residence Exhibit (Feb. 6 - May 9)
12,897 visitors
The show was open 5 hours a day for 46 days = 230
visitor hours
Average of 56 visitors an hour
Average of 280 visitors per day

This is the American Earth Exhibit (May 29 - Sept. 15)
60,491 visitors
The show was open 5 hours a day for 109 days = 545
visitor hours
Average of 111 visitors per hour
Average of 555 visitors per day

TOTAL visitor count: 73,588
(with no exhibit in the fall: the gallery was closed
9/15/93 to 2/6/94)

YOSEMITE RESEARCH LIBRARY & ARCHIVES
(1993)

The Research Library has a number of functions that are on-going, regardless of visitation: accessioning, cataloging, inventorying, circulation maintenance, photocopying, photo duplication processing, and ordering. In addition to these functions, there was considerable use of the facility by NPS staff and visitors. In 1993 the library was open to the public 193 days. During those days there were approximately:

1400 phone calls and requests (600 were non-NPS)
2500 walk-ins (1200 were non-NPS)

In addition to casual visits to the Library, the facility was also used by many people conducting more intensive research, including:

Research Subject	Number and source
Ansel Adams and Curry Co.	2 private
backcountry carvings and trails	1 USFS
Basque herders in Yosemite	1 private
Casa Nevada	1 private
Cooks Meadow succession	1 NPS
Ethnographic studies	2 NPS, 3 commercial, 2 private
fish in Yosemite	1 private
Fiske, George	3 commercial
Garnet Holme pagents	1 commercial
glacial studies	2 private
Grace Meadow succession	1 USFS, 2 private
Half Dome	1 NPS, 1 private, 1 commercial
history, early Yosemite	2 private
, general Yosemite	22 private
, Yosemite 1850-1906	1 private
Hotel Del Portal	1 private
Indian Garden	1 private
Jones, Johnny	1 private
LeConte, Joseph	1 NPS
Leidig family	1 private
Little Yosemite Valley	1 private, 1 NPS
Mariposa Grove	1 private
Merced River powerhouses	2 private
Merced River salmon	1 NPS
Mt. Lyell Salamanders	1 NPS
National Park, promotion of	1 private
NPS Utility building	1 NPS
National Register forms	2 NPS
Neely, Will	1 private
Old Village	1 private
photographic research	1 commercial, 1 NPS
Pioneer Cemetery	1 YA

place names	2 private
prescribed fire	1 private
rockfall and talus formation	1 USGS
Sharsmith, Carl	1 private
Sierra National Forest history	1 USFS
Sovulewski, Gabriel	1 private
Tioga Road	1 private
Tuolumne Meadows geology	1 private
wildlife sightings	2 NPS
Yosemite, 1850-1906	1 private
, bridges and roads	1 NPS
, in 19th century publications	2 private
, forestry and vegetation	1 private
, old building foundations	1 NPS
, planning and current developments	1 private
Yosemite Indian legends	1 YA
Yosemite schools	1 private
Yosemite Valley, historical development and planning	3 commercial
, vegetation change	2 NPS
Yosemite Valley Railroad	1 private
YP&CCo. contract negotiations	2 commercial

Ninty-five researchers conducted intensive research in 1993 on 52 different subjects using the Research Library and Archives. These researchers represented 61 private individuals, 20 NPS personnel, 2 from the Yosemite Association and 12 commercial representatives.

Library staff gave:

- 4 slide presentations
- 2 talks to university groups
- 1 orientation talk to agency employees
- 1 talk for public television
- 19 library and archives tours (74 participants)

PUBLICATIONS BY MUSEUM STAFF (1993)

Bates, Craig D.

- 1992 *The Maidu Creation Story* (as told by Henry Azbill, compiled and introduced by Bates). News from Native California 7(1):38. Winter 1992-1993.
- 1993 Scholars and Collectors Among the Sierra Miwok, 1900-1920: What Did They Really Find? *Museum Anthropology* 17(2):7-19. June, 1993.
- 1993 *Legends of the Yosemite Miwok* (with Steve Medley and Frank LaPena). Major rewrite and revision of this publication.
- Bates, Craig D. and Lee, Martha J.
- 1993 Chukchansi Yokuts - Southern Miwok Weavers of Yosemite National Park. *American Indian Art Magazine* 18(3):44-51.
- 1993 Selected 1992 Donations to the Yosemite Museum. *Yosemite* 55(2):14-15.
- 1993 New Materials and Old Traditions: The Beadwork and Basketry of the Yosemite - Mono Lake Indians. *Art in California* 6(5):64-65. October 1993.
- 1993 *Tradition and Innovation: A Basket History of the Indians of the Yosemite - Mono Lake Area*. Revision and second printing of this publication, which originally came out in 1992.
- 1993 The California Condor and California Indians (with Janet Hamber). *American Indian Art Magazine* 19(1):40-47. Winter 1993.

DIVISION OF MAINTENANCE

Calendar Year 1993 began with the Maintenance Division absorbing a cut in overall budget from the previous year. The following list of significant accomplishments reflects this reduced funding level and an additional \$200,000 erosion due to the winter precipitation of 1992-93 averaging 150 percent of normal.

In February 1993 the Division was successful in separating the Utilities and Engineering Branch into two separate branches. The Utility Branch now has overall responsibility for all potable water, wastewater, and high voltage electrical distribution systems. The newly created Professional Services Branch consolidates all engineering, landscape architecture, architecture, telecommunications and radio management. This new branch is basically responsible for all design work for the Park and the telecommunications function.

ACCOMPLISHMENTS

Utility Branch

Two Park-designed composting toilets were constructed at Nevada Fall and Little Yosemite Valley. Once the Park has a chance to accumulate historic data verifying the efficiency of these toilets, this branch is prepared to construct similar structures in other wilderness enclaves. The composting toilets that have been designed and installed in Yosemite are on the cutting edge of wilderness waste management technology.

Human waste management has become a pressing concern throughout the Park Service. The Service has found that many of the waste collection systems that were designed and constructed in the wilderness 20 years ago are now viewed as travesties. The Sunrise High Sierra Camp human waste disposal system did fit in this category. The disposal system was composed of a collection line discharging raw waste into two lagoons in the middle of a pristine meadow. As a cooperative venture with the concessioner, a composting toilet/shower house was constructed with the grey water from the shower and kitchen collected and distributed to an engineered leachfield.

Many of the Park's backcountry water systems do not meet the State of California's Surface Water Treatment Regulations (SWTR). The SWTR states that surface water must have multi-barrier treatment. With the absence of electric power and space limitations in the backcountry, it is very difficult to provide adequate treatment technologies. The Park has overcome the energy and space constraints by engineering a hydroflocculator. The flocculator has no moving parts, making it, essentially,

labor free. With a year's worth of data submitted to the State, it is our hope that the hydroflocculator will be an accepted technology. Once it is endorsed by the State, the Park will apply this component to other water systems that are out of compliance. Presently, the Vernal Fall water system is the only system integrating the hydroflocculator as a prototype.

The Park has actively supported DSC in design and construction of all major projects. Phase 7 of Package 473 (electric rehabilitation) was completed at year's end. Currently, the Park is providing support for various projects that are in the design phase: Package 504BB (sludge improvements at the El Portal wastewater treatment plant); Package 383 (Hodgdon Meadows, White Wolf, and Tuolumne Meadows water and wastewater upgrades); and Package 473 Phase 8 (electrical rehabilitation).

During the summer, the Park entered into a cooperative venture with the City of San Francisco in an attempt to maintain the pristine quality of the Tuolumne watershed. The City of San Francisco has been trying to receive a waiver from the State of California Surface Water Treatment Regulations. If the City can prove that the Tuolumne corridor is a pristine watershed, they will be able to avoid having to construct a costly water filtration system. The intent of this cooperative/partnership is to allow the City to participate in the upgrade and construction of the wastewater treatment plant and the slip lining or replacement of the existing waste collection system.

A final note - the Park staff is actively managing its cross-connection concerns.

Roads and Trails

The Park experienced the first abnormally high snow fall in eight years. Crews and the budget were exhausted after the June opening of the Tioga Pass Road.

Road reconstruction funded by the Federal Highways Administration (FHWA) began on the eastern most 6.5 miles of the Tioga Road. Work fell far behind schedule and the contractor was terminated, with only a fraction of the targeted work completed.

The paving of the trails and parking areas was accomplished to complete the Branch's responsibility towards the Happy Isle project.

The grading base and asphalt activities were completed for the new El Capitan picnic area.

Trail crews were able to clear logs from 79 percent of the trails (267 miles) and performed maintenance on 93 miles of trail.

The newly constructed Sentinel Bridge was opened for traffic in the fall. The old bridge was removed.

Housing

In 1993 the Park spent \$1 million performing routine maintenance and major rehabilitation of existing employee quarters. Of this amount, \$600,000 was from rental income and \$400,000 was from servicewide housing rehabilitation initiative funds. Yosemite continues to receive substantial regional assistance in upgrading housing and eliminating long-standing health and safety problems.

Valley Buildings and Grounds

Residences 10, 61, 46A, and 3 have been completely rehabilitated. The remodeling included rewiring electrical, building a new foundation (on 10), adding HVAC, performing asbestos abatement, and remodeling kitchens and bathrooms.

Partitions were repainted in comfort stations at Upper/Lower Pines and also exterior were painted of stations.

Jack Phinney and volunteer group worked to replace all wood seating in Lower Pines amphitheater.

Concrete handicap walkway was repoured around Yosemite Falls comfort station.

Wawona Building and Grounds

A 12 volt exhaust vent system was designed and installed at Mariposa Grove jet toilet complex thus reducing offensive odors considerably.

Two new residential acquisitions were rehabilitated with quarters initiative money.

A 20 percent visitor increase was absorbed through South Entrance, maintaining visitor restroom services with high standards and free of closures.

El Portal Building and Grounds

Rehabilitation work was completed on Residence 6118 and 733, rehabilitated Big Oak Flat (BOF) restrooms and Tuolumne Meadows Historic Comfort Stations 3021 and 3023 (including handicap access walkways), and partially completed reconstruction of five cabins at White Wolf.

Fourteen new Pellet stoves were purchased and installed for buildings in Tuolumne Meadow.

Twenty eight new apartments were added to the district in El Portal.

The hotel boiler was converted to propane for greater efficiency.

All grills and tables have been replaced at Tamarack Campground.

The Arch Rock Entrance Station kiosk was rehabilitation with new windows to improve visibility, the poor drainage problem was eliminated, a new heating, ventilation, and air conditioning (HVAC) unit was installed, and storage was improved.

Historic Structures

Preservation work was completed on Parsons Lodge in late July through early September. All ten of the extending rafter tails were spliced with new log ends on the east and west elevations. Four of the roof sheathing logs were replaced and a new 20 gauge galvanized steel roof installed with new lead flashing around the chimney.

Project Shop

The Romtec vault toilet installations were modified and now meet ADA and USAS accessibility requirements.

1 = Tenaya Boat Ramp	
1 = Sunrise Trail Head	\$69,000.00
4 = Tenaya Picnic Area	
2 = Tuolumne Grove	\$23,000.00
1 = Crane Flat Lookout	\$ 5,500.00
4 = Bridalveil Falls Parking	\$68,000.00
1 = Valley View	\$11,500.00

A two-story building and restroom addition were constructed to Wawona Fire House, to meet fire personnel bath, shower, and laundry needs. Meets ADA and AFAS accessibility requirements.
\$42,000.00

A new fuel storage building was constructed at Chinquapin. Meets OSHA, fire, and environmental requirements.

\$20,000.00

The correction of the electric metallic field interruption of the Valley District Building has been completed.

\$15,000.00

The El Portal Day Care facility was rehabilitated to meet State health and ADA accessibility requirements.

\$6,000.00

A typical style kiosk was constructed for the Tioga Road project.

\$5,800.00

Two apartment kitchens of the Phase II El Portal Apartments were remodeled to meet Uniform Federal Accessibility Standards (UFAS) accessibility requirements.

\$2,600.00

The Crane Flat Communications Building was remodeled to weather-proof and facilitate new equipment.

\$2,680.00

The heating, ventilation, and air conditioning (HVAC) system to six Valley Mission 66-type residences (Numbers 68, 69, 71, 73, 75, and 77) were rehabilitated.

\$15,870.00

Two Valley residences, Numbers 68 and 69 were reroofed. Asbestos-type shingles were replaced with 30-year architect shingles.

\$12,350.00

Partial roofing at Old El Portal Hotel (historical building) was replaced.

\$2,835.00

DIVISION OF VISITOR PROTECTION

The division went through the year with a large number of vacant permanent positions. Vacant positions were Fire Management Officer, Law Enforcement Specialist, SAR/EMS Coordinator, Valley Day Shift Supervisor, Chief Criminal Investigator, Assistant Corrections Officer and the Valley Resource Ranger position. However, due to the lateness of the Tioga Road opening, the season went well and no unmanageable problems were encountered. Entrance station hours were reduced to eight hours daily and Bridalveil and Yosemite Creek Campgrounds were closed for the summer season because of inadequate staffing levels.

Wilderness Management was emphasized and both meadow (grazing impact) and campsite monitoring programs were initiated. Additionally, personnel exchanges between the districts and wilderness were made to enhance operational cooperation. Plans for new and different management of the Kibbie Lake area were completed which will allow for significant restoration and facilitate resource protection in the future. Efforts are underway to encourage the Stanislaus Forest to close the Kibbie road 2.5 miles outside of the park boundary.

Plans were initiated to open a "Wilderness Education Center" in the fall of 1994. The location will be the current Art Activities Center which will be vacated at that time. Emphasis will be placed upon wilderness values, wilderness-front country relationships, and wilderness-Central Sierra ecosystem relationships. Computerized reservations and permit issuing systems will further enhance visitor services.

Strong emphasis was placed upon concentrated boundary patrol activity during the fall season. In the year 1993, efforts were focused in the northwestern part of the park and undercover operations were conducted with the U.S. Fish & Wildlife Service. Several indictments were obtained and numerous other felony related charges are pending.

Rafting was curtailed on the Merced River within the Valley because of bridge construction and potential for significant resource damage resulting from high water levels. Several very vocal opponents to this closure surfaced and the issue is still garnering attention.

Meetings were held with local and national representatives of commercial bus and tourism associations to try and achieve a consensus of controlling the numbers of busses entering the park. A very cooperative atmosphere prevailed until specific numbers were discussed and talks broke down. East side businesses

expressed "outrage" at any attempts to control bus numbers and a local Congressman became involved, to no avail. Efforts will continue to establish controls and busses will be under special use permits in 1994.

The division picked up responsibility for parkwide special park use management. The workload was more than imagined and a year end decision was made to establish a Special Use Permit (SUP) office under Administration sometime during 1994

The park was closed for the first time in history in a non-emergency situation to private vehicle entry the weekend before Memorial Day because of the numbers of vehicles in the park. The closure possibility was announced publicly for a period of six weeks surrounding the Memorial Day period but was only implemented on the one weekend. Public perception was surprisingly supportive in spite of inconveniences. Local businesses objected but the action was considered successful by management. The impacts of the closure lasted for about three weeks and normal traffic patterns resumed.

Branch of Fire and Aviation Management

Prescribed Burns

The above average snow pack of the winter of 92/93 was slow in melting which kept conditions moist for the majority of the year. **Eleven prescribed burns were completed for 1073 acres.** Three in-season burns were conducted with excellent results. The 40 acre unit around the Grizzly Giant and the California Tree should result in numerous new sequoia trees in the Mariposa Grove. Eighty-five acres directly adjacent to the structures at Crane Flat will also provide excellent protection for these improvements. Seventy acres in and around the Pate Valley pictograph wall were also treated providing much better protection from summer wildfires. The largest burn of the year was the interagency effort around North Mountain where 2200 acres was burned on both sides of the boundary. This was a long drawn out planning and execution effort that has been going since fall of 1990.

Prescribed Natural Fire

This was equal to the slowest lightning fire year in the history of the program with only **five PNF's authorized during 1993 for less than two acres.** There were only eight lightning fires in the park this season which is the second lowest amount since records have been kept, dating back to 1931. The year 1965 was the year with the least amount.

Smoke Management

The issue is becoming more and more understood and accepted as people shift their thoughts toward "ecosystem management". The regional office staffs of multiple agencies have taken up the issue and are providing a united front that ecological burning needs some special regulations. On a more local level cooperation between the Fire Management Officer and Tuolumne County resulted in a paper being presented in Missoula at the wilderness conference last April. This and working closely with the other county and state entities has proven very effective in reducing complaints and improving the working relationships. There will always be the need for some give and take during natural fire management.

Emergency Communication Center (ECC)

Completion of the new ECC including new consoles, lighting, cabinets, map boards etc.... is progressing on schedule. Plans are to be operational in March of 1994 and start implementing training and use of the new frequencies which will keep general park administrative traffic separate from emergency traffic. This has been a three year endeavor that is about to be completed and should greatly enhance park efficiency.

Wildland Fire

The wildland fire year was slightly below average with **50 wildland fires of which 47 were man-caused for a total of only 20.5 acres.** The lightning starts were well below normal. Personnel were sent out of the park 13 times to help other parks and other agencies with prescribed burns, wildfires and prescribed natural fires.

Structural Fire

There were **208 structural alarm numbers used in 1993.** The following list is a breakdown of the incidents:

ADMINISTRATIVE FLIGHTS	2
ALARM, NO FIRE	23
DUMPSTER FIRES	17
FALSE ALARMS, MALICIOUS	0
FIRES OR EXPLOSIONS	37
HAZARDOUS CONDITIONS	19
MEDFLIGHTS	58
MOTOR VEHICLE ACCIDENTS	23
PUBLIC ASSISTANCE	5
SEARCH AND RESCUES	<u>24</u>
TOTAL	208

Increased Fire Suppression Capability

The region paid for Yosemite to put on a **40-hr Structure I-II class** and **19 NPS employees and three YCS employees** took the class. Training was finalized in January with a burn in El Portal where 31 students and nine instructors made 20 entries into the burning structure.

Two new quick attack slip-on units were purchased in the fall for the Type-IV engines further up-grading the wildland equipment inventory.

Six new Sigma Survivair Self-Contained Breathing Apparatus (SCBA) units were purchased to upgrade the structural equipment inventory and maintain compliance with National Fire Protection Association (NFPA) standards and Occupational Safety and Health Administration (OSHA) regulations.

The Foresta Engine Company was re-established through considerable investment of personal time by Bob Reece. The station received considerable improvement by insulating, heating, and reconstructing the floor and roof. Equipment has been upgraded and training provided to the local volunteers, which are residents, NPS and YCS employees.

Air Operations

ERA Helicopters was awarded the park's new helicopter contract. The ship was flown for a total of 261 hours and did meet the 200 hour minimum guarantee. Approximately 105 personnel were put through basic helicopter training which was mandated for all NPS personnel who might utilize helicopters during their work. The following list is a breakdown of hours for helicopter use in 1993:

FIRE USE	94.5
TRAINING	25.6
SAR USE	82.4
MAINTENANCE	29.2
RESOURCES	6.2
CONCESSIONER	18.4
STATE WATER	2.7
LEO	1.7

In addition, other aircraft were used in the park for a total of 35.3 hours. This occurred due to the need for larger helicopters or at a time other than when the park ship was on contract.

Search and Rescue (SAR) Activity:

National Park Service (NPS) personnel responded to 190 incidents in 1993, down 22 percent from last year's record high of 245. Despite such fluctuations, SAR incidents have increased by approximately six per year over the last 23 years, roughly in proportion to the increases in annual visitation. Thus the current annual SAR totals are about 2.5 times those of 1970.

Saves:

The rescue of Glead Toombes of Salt Lake City was our most significant save. His head wound, from a short climbing fall on the Glacier Point Apron, would have killed him in a few hours. Nearby climbers got him quickly to the ground, and the NPS team treated him and shorthauled him to a waiting Medflight helicopter with very little delay. Surgeons thought he might die on the table, but he beat the odds and is doing well. This incident was not particularly spectacular but was an excellent example of the benefit from training, experience, and coordination.

Fatalities:

Sixteen people died in off-road accidents, including seven hiking, three climbing, one parachuting, four in a single aircraft accident, and one rafter (an NPS assist to Mariposa Co.).

Costs:

The NPS spent \$392,000 for SAR incidents, exclusive of contributed services. The latter--primarily volunteer searchers and military helicopters--is estimated as an additional \$67,000. These figures do not include the cost of being prepared--training, routine maintenance, etc.

Annual SAR costs depend greatly on the number of multi-day searches. In 1993 there was only one such operation, the search for hiker Will Slattery. However, bad weather limited air searching, requiring a large number of ground searchers and expensive logistical support. The NPS spent \$130,000 for this search--33 percent of total NPS SAR costs for the year--and received an additional \$47,000 in contributed services. Exclusive of this incident, 1993 NPS costs were slightly less than in 1992, a year in which there were no multi-day searches.

Helicopter use:

The NPS contract helicopter rappelled rescuers on two incidents, for a total of five rappels, short hauled seven patients, and transported many more internally. The Naval Air Station (NAS) Lemoore and NAS Fallon helicopters picked up one victim internally, short hauled one, and provided assistance and backup to Park Helicopter H51 on other occasions.

SAR Categories:

Hiking: As usual, hiking was the largest category, 55 percent of all rescues. The Slattery Search was the dominate one of the year. In addition, several seriously injured people were evacuated by ground and air.

Climbing: Climbing incidents made up 7 percent of the total, a less than the 20-year average. The predicted surge in climbing rescues, due to the increased popularity of the sport and the potential migration of indoor climbers to the mountains, has yet to appear. (Note that climbers injured while scrambling to or from a climb are categorized as hiking incidents.)

Three climbers were killed, matching the 20-year average. The causes were common ones: two falls while unroped, and one long leader fall. The death of Derek Hersey, a well-known free-solo climber, may be the first true free-solo death in the park.

Water Incidents: Despite the high spring-runoff, few water incidents occurred, in part because of the closure of the Valley portion of the Merced River to boating. The El Portal-to-Briceburg corridor saw several NPS assists to Mariposa County. for boating and vehicle-in-the-river incidents, including one fatality.

Aircraft: This included the airplane crash at Mt. Lyell, with four killed, and the death of a United Base Association and Photo Shoot Enterprises (BASE) jumper at El Capitan.

Unfounded: This category previously averaged three percent of all incidents annually. This year, however, it totals 22 percent, possibly because we adhered more closely to the NPS definition of unfounded, which includes all subjects escaping their predicament without NPS assistance. Unfounded does not mean unwarranted--most or all such responses were justified.

DIVISION OF RESOURCES MANAGEMENT

The Natural and Cultural Resource Management Plan was forwarded in final draft to the Regional Office for review and approval. This is a fundamental document for the management of the park, and extensive internal review of its text has produced a sound, workable document.

The Statement for Management has been brought to final draft form and will be finalized early in 1994.

Planning, Compliance, and Physical Science

Underground Storage Tanks (USTs)

The park has made substantial progress in its Underground Storage Tank Removal Program. Twenty-two tanks have been removed and the sites cleaned up; closure documents for these sites are being prepared. Two major sites remain, but plans for remediation were laid during the past year. The skill and diligence of the park staff involved in the UST removal program has kept us from receiving a formal cleanup and abatement order from the State of California.

Air Quality Program

An active air quality improvement program continued through the year. A public education program to reduce campfire smoke was implemented and monitored. A "TEOM" portable monitor, which measures airborne particulate matter in one part per ten million, was put into operation to monitor the effects of campfires on ambient air quality in Yosemite Valley.

Planning and Compliance

The Valley Implementation Plan and the Housing Plan proceeded on schedule. Coordination and cooperation with the Denver Service Center on these two plans has been excellent.

Physical Restoration/Vegetation Management

Merced River Restoration

Sections of stream bank along the Merced River at Lower River Campground (two project locations), El Capitan/Ranger Rock Picnic Area, Devils Elbow Picnic Area, Sentinel Beach Picnic Area, and

wetland/floodplain areas at Happy Isles and Sentinel Meadow were restored. Project site monitoring included photo point documentation, plant transects, and river cross section surveys. Boulder riprap was removed, banks were recontoured and terrace soils were decompacted, followed by replanting with thousands of willow and cottonwood cuttings, oak seedlings and seeds from native grasses and forbs. Over 3,000 linear feet of protective fenceline was constructed. All work was completed by Yosemite Conservation Corps (YCC), Yosemite Association (YA) and DeLoitte and Touche volunteers, and a National Park Service (NPS) wage grade crew. (\$220,000 from Natural Resource Preservation Project (NRPP) and \$16,000 from National Parks Recreation Foundation (NPRF) NON-PROFI funding sources)

Black Oak Woodland Restoration

Field work in 1993 consisted of continued monitoring of oak seedlings and photo point documentation. Oak leaf samples were taken from five different locations within the park and sent to Genrec for genetic analysis (preliminary results show some differences but we're waiting for final analysis as to the significance of these differences). \$5,000 from NPRF NON-PROFI funding source.

Wilderness Impacts Mitigation and Management

Five project sites were the focus of this year's wilderness restoration efforts. At Glen Aulin High Sierra Camp Backpacker's Campground, all campsites within 100 feet of water were removed and the areas restored. Thirty campsites were designated by numbered posts within the current campground boundaries and beyond 100 feet of water. Two bear poles were relocated away from the bathroom and closer to the water faucet in the center of the campground. Work at Glen Aulin took two weeks with a seven-person Student Conservation Association (SCA) high school work group. This same SCA crew also worked two weeks in the Ten Lakes basin removing campsites that were within 100 feet of water at five of the lakes.

The third project site was along the abandoned Glen Aulin Trail near Tuolumne Meadows. Over 1,500 linear feet of trail was backfilled and planted with native plant materials. Work on the Glen Aulin Trail was completed by an SCA high school group, Yosemite Association and Sierra Club volunteers, and a NPS wage grade crew. At Little Yosemite Valley (LYV) the backpacker's campground was relocated away from the Merced River to a location along the Half Dome trail. The old campground area was restored by decompacting soils, replanting the terrace and stream bank, and constructing an enclosure fence using native downed logs. Work at LYV was completed with YCC and NPS crews. The fifth

project site was at Sunrise High Sierra Camp where sod was collected for propagation for next year's site restoration of the old sewage ponds and removal of 1,000 feet of pipeline. \$40,000 from NPRF NON-PROFI funding source.

Abandoned Road Restoration

The last 1.5 miles of the 'T-1' Road (project started in 1991) was obliterated and the area restored using NPS heavy equipment and personnel. Mulching was completed by a Yosemite Association volunteer work group. UNFUNDED.

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 nearly 100 percent of Yosemite Valley and specific locations at Wawona and the Mariposa Grove with the help of volunteer groups (Boy Scouts and Yosemite Association) and Yosemite employees. UNFUNDED Resource Management project; use of volunteer groups.

Federal Highways Revegetation

Two Federal Highway Administration (FHWA) revegetation projects were funded in 1993: (1) The new Sentinel Bridge was under construction during the entire year and was completed in the fall of 1993. Revegetation and restoration work will take place during the spring of 1994. Salvaged plants were maintained and exclosure fence material was purchased. Photo point documentation continued to monitor the progress of construction and revegetation work. (2) The Tioga Road reconstruction project began during the summer of 1993. The restoration staff monitored construction work, closely supervised the contractor's salvage of plant materials. They were responsible for setting up an irrigation system and maintaining these salvaged plants at the Gaylor Pit storage site. The contract was not completed and the construction specifications may change over the winter which will reduce the amount of plants to be salvaged next year. Initial

restoration and revegetation planning is occurring for the construction of the Highway 41 South Fork Bridge in Wawona, scheduled construction for 1995. (\$86,900 was from State Department of Environmental Construction (SDEV CONSTRUCT) funding source)

Video Taping Statement

A natural resources video is being completed which covers needs and accomplishments for management of Yosemite's natural resources. Also video footage was taken of numerous projects for future video production. The Merced River video was updated with new sequences showing restoration site recovery and success. \$15,000 from NPRF NON-PROFI funding source.

Wildlife Management

Bear Management

Significant progress was made to alleviate the most glaring inadequacy in Yosemite's black bear management program: the shortage of bear-proof food lockers in park campgrounds. A total of 134 lockers were installed in Upper Pines Campground in Yosemite Valley, leaving only 44 sites in that campground without lockers. A total of 255 (31 percent) Valley campsites do not have lockers. Approximately 250 bear-proof food lockers were repaired park-wide to maintain their bear resistance.

Yosemite joined efforts with Sequoia and Kings Canyon National Parks to develop the "Save-a-Bear" program. Resources Management and Interpretive Divisions in the two parks worked together to develop new literature, signs, and other media aimed at protecting black bears by informing visitors of the precautions and regulations necessary to follow in bear habitat.

Approximately half of the 140 apple trees in the Curry Village parking lot were sprayed in the spring with high pressure fire hoses to knock blossoms from the trees and reduce the availability of apples as an attractant to bears and other wildlife in the fall. This method appeared to be minimally successful, as there was little perceivable difference in fruiting between sprayed and unsprayed trees.

A total of 22 bear captures were made, with 19 involving translocations of bears. In August, a sow and three cubs were captured in Little Yosemite Valley and, in a very complex operation, were transported by helicopter to a remote area in the north part of the park. Unfortunately, the effort was unsuccessful as the four bears returned within two weeks. The sow resumed her aggressive behavior and was subsequently

destroyed. The cubs were left free. Of the remaining captures, one bear was released on site, and two bears were killed, including the previously-mentioned sow, when they continued excessively destructive or aggressive behavior.

Bear incidents totalled 509, resulting in \$155,323 in property damage; 32 percent and 7 percent lower, respectively, than 1992 levels. Eighty-seven percent of all property damage was inflicted on motor vehicles. Backcountry conflicts between humans and bears continued at high levels in 1993, with backcountry bear incidents accounting for 47 percent of the total park-wide incidents. The park concessioner continued to sell and rent bear-resistant food canisters for use by backpackers. Overall, these highly effective devices have been enthusiastically received by the public and we are considering ways to increase their use in the park.

Peregrine Falcons

Peregrine falcons continued to be monitored in Yosemite in 1993. Two pair of peregrine falcons established aeries in the park this year: one on the Rhombus Wall in Yosemite Valley and another at Hetch Hetchy. One young fledged from the Rhombus aerie and three fledged from Hetch Hetchy. Eggshell fragments were collected from the Rhombus aerie to be tested for pesticide-induced eggshell thinning; results are pending. Two additional pair of peregrine falcons were located in Yosemite Valley, but no reproduction was evident.

Bighorn Sheep

Monitoring efforts in the winter, spring, and summer found between 80 and 89 bighorn sheep in the herd at Lee Vining Canyon. Thirteen lambs were born in the herd this year. There were two confirmed deaths of sheep, although as many as seven 1992 lambs may have died over the winter. With Park Service support, a U.S. Forest Service grazing allotment that overlapped known bighorn range was decreased in area to reduce the chance of contact between bighorns and domestic sheep, and thus protect the bighorns from disease transmission. Efforts in 1994 will focus upon placing more radio telemetry collars on bighorn sheep. Without these collars, monitoring of the population will be difficult.

Bats

A primary survey of bat species was conducted in the park in July. Researchers Dr. Elizabeth (Dixie) Pierson and William Rainey used mist nets and acoustic devices to identify ten species of bats including three listed as Category 2 species under the Endangered Species Act: spotted bat, western mastiff bat, and Townsend's big-eared bat. The live capture of a spotted bat was the first in the state. As part of the bat survey, a workshop on bat biology and identification was held and attended by approximately 140 people, including park employees and residents, and biologists from surrounding national forests. This event was followed by a demonstration of bat monitoring and capture techniques.

Aquatics

Under an interagency cooperative agreement, biologists and hydrologists from the U.S. Geological Survey conducted a survey of benthic invertebrates in the Merced River where it runs through Yosemite Valley. The study is designed to determine the current distribution, abundance, and diversity of benthic organisms and thus provide baseline data to track changes that correspond to restoration efforts on the river. The final report on this year's research is pending, but initial results indicate a high number of species are present in the river, with interesting relationships between habitat characteristics and the invertebrate species present. Surveys in subsequent years will reveal whether these associations change over time.

Archeology

C01 YOSE-May Lake High Sierra Camp Archeological Survey: In support of utility upgrades, the May Lake High Sierra Camp survey was contracted to INFOTEC, Inc. No archeological sites were found (\$2,000 from Park Maintenance).

C01 YOSE-Yosemite Valley Ethnographic Inventory: A contract was prepared for the Yosemite Valley Ethnographic Resources Inventory, bids were solicited, and the contract was awarded. The study is being conducted in support of the Valley Implementation Plan (\$17,400 from DSC-Planning).

C02 YOSE-Archeology Theme for GIS: Continuing work from 1992 included verifying archeological site plots on the 7.5 minute topographic quadrangles.

C06 YOSE Archeological Clearance Program: Archeological clearance data review (40), consultations (25), field checks (20) and project monitoring (6) were completed for park projects. Three official "No Effect" clearance reports and three "Determination of Effect" documents were written, for review of the Western Archeological & Conservation Center and the California Office of Historic Preservation (\$25,000 from Parkbase).

C07 YOSE-Subsurface Survey at El Portal (YOSE 1993-A): In support of proposed housing construction in El Portal, ground penetrating radar was investigated as a non-ground disturbing method for locating the historically documented burial of Chief Dick. Cost estimates were solicited from a private contracting firm and the United States Geological Survey (USGS). Research to establish the identity of the next-of-kin was also completed, with no success. The next step involves consultations with Native American groups -- the Tuolumne Miwok and AICMC (\$1,000 from DSC-Construction).

C07 YOSE-Test Excavation at White Wolf and Tuolumne Meadows (YOSE 1993-B): A draft research design was prepared and fieldwork at three archeological sites was carried out in support of planned wastewater treatment plant upgrades at White Wolf and Tuolumne Meadows. Fairly disturbed subsurface deposits were noted at two of the sites, while intact hearth features and abundant prehistoric tools and debitage were documented at one site. The resulting evaluation and report will provide cultural resources planning information for the proposed construction project. In conjunction with this project, a high country ethnographic study was undertaken by Craig Bates and Martha Lee, Yosemite Museum Staff (\$55,500 from DSC-Construction).

C07 YOSE-Upper Tioga Road Rehabilitation Construction Monitoring (YOSE 1993-C): The archeological monitor provided cultural resource protection and monitoring during rehabilitation of the five-mile section between the Tioga Road Entrance Station and the Tuolumne Meadows' Ranger Station junction. The project was not completed due to contract disputes (\$23,200 from FHWA).

C07 YOSE-Hetch Hetchy Repatriation (YOSE 1993-G): In a joint park/AICMC venture, a fragment of human bone and several pieces of unidentifiable bone were repatriated to site CA-TUO-3273 in Hetch Hetchy. The bones were originally collected by the Park Historian during a survey of the reservoir basin in 1991 (\$150 from Parkbase).

C07 YOSE-Backcountry Surveys (YOSE 1993-H, I): Archeological survey of the Glen Aulin High Sierra Camp was completed in support of wilderness impacts restoration. One "new" site was documented and two previously known sites with substandard levels of documentation were updated. Archeological survey of a portion of the Sunrise High Sierra Camp was completed in support of utilities and facilities upgrades. Of the three sites discovered, two were recorded (\$1,800 from Parkbase).

C07 YOSE-Valley Electric Rehabilitation Monitoring, Phase VII (YOSE 1993-K): An archeological monitor continued to observe subsurface electric line trenching in Yosemite Valley. The boundaries of CA-MRP-56, Yosemite Village, were expanded to include all of the government residential and school area. Paul DePascale completed a draft report describing the results of this monitoring in addition to all other phases of electric line work since 1985 (\$28,000 from DSC-Construction).

C07 YOSE-Devil Fireline Survey (YOSE 1993-L): The fireline and burned area of the Devil Fire were examined for cultural resources. No resources were discovered (\$150 from Fire Accounts).

C07 YOSE-Pate Valley Repatriation (YOSE 1993-PV): Reburial of a prehistoric Native American female was completed in a joint venture between the Archeology staff and members of the American Indian Council of Mariposa County, the Tuolumne Me-Wuk Tribal Council, and the Mono Lake Indian Community. The burial was excavated in 1965 by a National Park Service (NPS) Yosemite employee and subsequently curated at the University of California, Davis. It was not until the summer of 1993 that the park was notified of the existence of the remains. At this time consultations with the three tribal groups were conducted, the skeleton was analyzed by a private consulting firm, the remains were retrieved from the University, and, finally, reinterment occurred near the site of the original burial (\$500 from Parkbase).

C07 Little Yosemite Valley Subsurface Survey (YOSE 1993-R): A 1- by 1-meter unit was excavated in the new Little Yosemite Valley Backpackers Campground to further characterize the subsurface archeological deposit and to record baseline archeological conditions of a site area with little previous disturbance (\$1,000 from Parkbase).

C07 YOSE-Analysis of Artifacts from the Dana Meadows Test Excavation (YOSE 1992-C): Debitage analysis and artifact cataloging were completed and special studies contracts were initiated, including obsidian hydration, x-ray fluorescence, radiocarbon, macrofloral, faunal, and protein residue (\$17,000 from FHWA).

C07 YOSE-Sentinel Bridge Construction Monitoring (YOSE 1992-U): An archeological monitor observed ground disturbance during construction of the new Sentinel Bridge in Yosemite Valley and final figures were prepared for the testing and data recovery report (\$23,500 from FHWA).

C07 YOSE-Complete Backlog Project Reports: A scope of work was prepared for contracting seven backlog reports associated with Yosemite Valley utilities improvements and employee housing construction. Contract was not let (and \$45,500 turned back to DSC) due to problems at the DSC contracting office (\$1,500 from DSC-Construction).

C07 YOSE-Pate Valley Mechanical Fuel Removal: In preparation for the proposed prescribed burn in Pate Valley, mechanical reduction of fuels in the vicinity of the CA-TUO-22 pictograph panel was completed. Consultation with members of the AICMC was conducted and an archeological monitor aided the prescribed fire crew during the field work (\$500 from Fire Accounts).

C07 YOSE-Native American Consultation Plan: Formal procedures for Native American consultations were established and a committee, composed of four AICMC members, was created to facilitate consultation.

C07 YOSE-Cooperative Agreement for Inadvertent Discovery of Human Remains (NAGPRA): Formal procedures, to be followed in the event of discovery of buried human remains, were outlined and agreed upon with the American Indian Council of Mariposa County. Although this agreement is specific to housing construction in El Portal, the procedures will be broadened to include discoveries in other areas of the park.

C17 YOSE-Pate Valley Pictograph Documentation (YOSE 1993-D): Photogrammetric documentation of the Pate Valley pictographs, a multi-year project, was completed. For the year 1993, work included meticulous documentation of two-thirds of the panels, a three day undertaking. (\$4000 from Donation Accounts).

Reports

Draft Reports Prepared:

- *Final Report of Subsurface Investigations at CA-MRP-181 and CA-MRP-182, by John Vittands.*
- *Yosemite Valley Archeological Monitoring: Project Summary for Utility Line Rehabilitation, 1985 Through 1992, by Paul DePascale.*

Draft Research Designs Prepared:

- *The 1993 White Wolf/Tuolumne Meadows Testing Project, by John Vittands.*

SAFETY OFFICE

Hazardous Waste

California Environmental Protection Agency (CAL EPA) conducted three inspections and the May visit resulted in fines for housekeeping lapses. The total fine was negotiated down from the first quoted amount. Mark Butler is managing the remediation of historic waste storage sites. Hodgdon remains the key site to accomplish full closure. El Portal will be a lingering site until construction is finished for the new maintenance yard. A new hazardous material spill contingency plan is at the final draft stage.

Loss Control Program Evaluation

The Western Regional Office conducted a review of the park's program and a workshop to evaluate improvements to the program. The final report has not been received. The Public Health Service (PHS) contract for industrial hygiene evaluation of exposures demonstrated the minimal exposures for Yosemite employees in selected areas.

Occupational Health and Safety Administration (OSHA)

Two citations remain with Federal Occupational Health and Safety Administration (FED OSHA). (1) The fire escapes for the second and third floor of the Administration Building is not complete. The first ladder will be installed on the Safety Office side of the building. The fire escape for the south side of the building will need to be installed this fiscal year at the expense of the Maintenance Division. (2) The jail alarm and sprinkler system was negotiated to be completed by December 15, 1993. It was not completed and a new completion date will be set.

Medical Surveillance

The interagency agreement with Public Health Service (PHS) was agreed upon and the park started the program. FY94 will complete baseline exams and we will cut expenses as annual exams are defined based upon exposures.

Loss Control Plan

The new draft Loss Control Plan has been transcribed to disk. The draft went through organizational review in the winter of 1993/1994 and will be implemented in the spring of 1994.

Notable Events

Radio system upgrade and support which was initiated by the Safety Office and handed off to the communications specialist was being implemented in the fall of 1993. This was a three year effort. A policy needs to be written clearly defining maintenance priority to keep the system functioning.

Program Communication

The first Safety Talk issue was released. The publication will be released every four months in FY94. Yosemite Guide responded to necessary safety messages.