Form 10-300 UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
(July 1969)
NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY - NOMINATION FORM

(State all entries - complete applicable sections)

1. NAME
COMMON: Olmsted Station Power House
AND/OR HISTORIC:

2. LOCATION
STREET AND NUMBER: U. S. Highway 189
CITY OR TOWN: Mouth of Provo Canyon
STATE: Utah

3. CLASSIFICATION
CATEGORY: System Equipment
(Check One)
□ District □ Building □ Site □ Structure □ Object

OWNERSHIP: Public Private Both
Public Acquisition: □ In Process □ Being Considered
STATUS: □ Occupied □ Unoccupied □ Preservation work in progress
□ Restricted □ Unrestricted □ No
ACCESSIBLE TO THE PUBLIC: Yes:
PRESENT USE (Check One or More as Appropriate)
□ Agricultural □ Government □ Park □ Transportation □ Other (Specify)
□ Commercial □ Industrial □ Private Residence □ Comments □ Power Plant
□ Educational □ Military □ Religious □ Scientific
□ Entertainment □ Museum □ Scientific

4. OWNER OF PROPERTY
OWNER'S NAME: Utah Power & Light Co.
STREET AND NUMBER: 1407 West North Temple
CITY OR TOWN: Salt Lake City, STATE: Utah 84116
CODE: 49

5. LOCATION OF LEGAL DESCRIPTION
COURTHOUSE, REGISTRY OF DEEDS, ETC: Utah County Courthouse
STREET AND NUMBER: South University Avenue
CITY OR TOWN: Provo,
STATE: Utah
CODE: 49

6. REPRESENTATION IN EXISTING SURVEYS
TITLE OF SURVEY: Historic American Engineering Record
DATE OF SURVEY: 1971
□ Federal □ State □ County □ Local
DEPOSITORY FOR SURVEY RECORDS:
Library of Congress
STREET AND NUMBER: Prints & Photographic Division
CITY OR TOWN: Washington D.C. 20540
STATE: -
CODE: 11
The following equipment presently exists in the plant and unless noted otherwise, the piece is original.

3 - Allis-Chalmers hydraulic turbines, 300 RPM, Type KHA, 1908.
3 - General Electric generators, 2300 volts, 602 Amps.
3 - Lambard governors, but remodeled with woodward heads.
1 - General Electric, 125 DC volts, 600 Amp, 270 RPM water driven exciter with Pelton wheel.
1 - General Electric, 125 DC volts, 600 Amp, 1200 RPM, motor driven exciter, 1917.
9 - General Electric transformers, 1000 KW. (2300 volts to 44,000 volts.)
9 - Westinghouse oil switches, 44 KV GA.
1 - Sycrometer
4 - General Electric field rheostats.

The 1917 extension (1917-1922), which called for a fourth turbine and generator, involved much additional construction. The original wood flume was replaced by a larger capacity wood flume; the pressure box was reconstructed to accommodate a fourth penstock; an I.P. Morris, 514 RPM, and a general electric generator, 2400 volt, 1895 Amp, were installed; one of two original water driven exciters was replaced by a motor driven type; extensive concrete work was done in the power house and an adjacent substation was constructed. In 1948-1951 a steel flume replaced the frequently damaged wood flume.
In 1903, L. L. Nunn, a pioneer in the development of alternating current high voltage transmission, with his brother and chief engineer, P. H. Nunn, supervised construction of the Telluride Power Company's Olmsted Station Power House and the establishment of the Telluride Institute. The Institute, which accommodated up to 40 students, was the first corporation-sponsored electrical school in the United States. The school closed in 1912 when Utah Power and Light Company acquired Olmsted Station. The building was completed April 12, 1904.
9. MAJOR BIBLIOGRAPHICAL REFERENCES

Equipment shop drawings
Who's Who in America
"L. L. Nunn A Memoir" by Stephen Bailey, 1933
Electrical West published by Utah Power & Light Co., 1962

10. GEOGRAPHICAL DATA

LATITUDE AND LONGITUDE COORDINATES
DEFINING A RECTANGLE LOCATING THE PROPERTY

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LATITUDE AND LONGITUDE COORDINATES
DEFINING THE CENTER POINT OF A PROPERTY
OF LESS THAN TEN ACRES

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<td>111° 39', 14&quot; W</td>
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APPROXIMATE ACREAGE OF NOMINATED PROPERTY: 5.2

11. FORM PREPARED BY

NAME AND TITLE: Burtch W. Beall, Jr., A.I.A.

ORGANIZATION: Historic American Engineering Record

DATE: Dec. 1971

STREET AND NUMBER: University of Utah - Department of Architecture

CITY OR TOWN: Salt Lake City

STATE: Utah

12. STATE LIAISON OFFICER CERTIFICATION

As the designated State Liaison Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the National Park Service. The recommended level of significance of this nomination is:

National [ ] State [ ] Local [X]

Name: Milton L. Weilenmann

Title: Utah State Liaison Officer

Date: 17 December 1971

I hereby certify that this property is included in the National Register.

Chief, Office of Archeology and Historic Preservation

Date 9/26/72

ATTEST:

Keeper of The National Register

Date