

STORE APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA RESERVOIR SITE NO. 19

Date of filing in State Engineer's Office... OCT 16 1986
Returned to applicant for correction... MAR 4 1987
Corrected application filed... MAY 1 1987
Map filed... MAY 1 1987 under 50292

The applicant... Washoe County and City of Sparks
Post Office Box 11130, of Reno, Nevada 89520, hereby make application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated.

- 1. The source of the proposed appropriation is... Underground water appropriated under applications 50191 through 50241 inclusive.
2. The amount of water applied for is... N/A second-feet
3. The water to be used for... power (pumped storage of electrical energy)
4. If use is for: (a) Irrigation, state number of acres to be irrigated... N/A
5. The water is to be diverted from its source at the following point... The inlet and outlet structures will be centered about a point located within the NE 1/4 NE 1/4 of Section 19, T25N, R19E, M.D.B.&M.
6. Place of use... Washoe County as described in NRS 243.340 et seq.
7. Use will begin about... January 1 and end about... December 31, of each year.
8. Description of proposed works... Two reservoirs, penstock tunnels, a combination pumphouse/powerhouse, and power transmission system.
9. Estimated cost of works... \$30,000,000.00

10. Estimated time required to construct works..... 15 years.
If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use..... 15 years.

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

see Attachment "A".

By s/Donald A. Mahin
Donald A. Mahin, Agent
Post Office Box 11130
Reno, Nevada 89520

Compared bc/b1 c1/

Protested

DENIAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby ^{deny} grant the same, subject to the following limitations and conditions:

This application is hereby denied on the grounds that it would not be in the public interest to approve permits to appropriate water from sources on which water rights do not exist.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed..... cubic feet per second.....

Work must be prosecuted with reasonable diligence and be completed on or before.....

Proof of completion of work shall be filed on or before.....

Application of water to beneficial use shall be made on or before.....

Proof of the application of water to beneficial use shall be filed on or before.....

Map in support of proof of beneficial use shall be filed on or before.....

Completion of work filed.....

Proof of beneficial use filed.....

Cultural map filed.....

Certificate No..... Issued.....

IN TESTIMONY WHEREOF, I R. MICHAEL TURNIPSEED, P.E.

State Engineer of Nevada, have hereunto set my hand and the seal of

my office, this 13th day of April

A.D. 1998

Michael Turnipseed
State Engineer

ATTACHMENT "A"

PUMPED STORAGE PROJECT NUMBER 8
STATELINE PEAK QUADRANGLE
RESERVOIR SITE NO. 19

This application is for storage of water in an artificial reservoir (afterbay) to be constructed as part of an electrical energy pumped storage project. This project consists of a forebay and afterbay that will recycle approximately 600 acre feet of water per day. The reservoirs will be connected to quasi-municipal water distribution facilities. The estimated annual evaporation from the forebay and afterbay in this project is less than 600 acre feet. The peak generating capacity of this project is about 60 megawatts. The power plant will be located at a point along a line connecting the forebay and afterbay.

The proposed reservoir is a modified natural depression in Sections 18 and 19 of T25N R19E M.D.B.&M. and Sections 13 and 24 of T25N R18E M.D.B.&M. and will submerge approximately 180 acres of land lying below an elevation of 5,160 feet mean sea level. The average total vertical head of this project is approximately 1,450 feet. The selection of the power plant location, dam location and construction methods will depend upon a detailed site investigation and project optimization.

