

AMENDED

Nº 50254

STORE APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA RESERVOIR SITE NO. 2

Date of filing in State Engineer's Office OCT 8 1986
Returned to applicant for correction MAR 4 1987
Corrected application filed MAY 1 1987
Map filed MAY 1 1987 under 50253

The applicant Washoe County and City of Sparks
Post Office Box 11130, of Reno, Nevada 89520
Street and No. or P.O. Box No. City or Town State and Zip Code No.

hereby make application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

- 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. (a) If stored in reservoir give number of acre-feet 20,000
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 (b) Stockwater, state number and kinds of animals to be watered N/A (c) Other use (describe fully under "No. 12. Remarks" see remarks (d) Power: (1) Horsepower developed 1,000 megawatts (2) Point of return of water to stream none, the water will be recycled.
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 SE 1/4 NW 1/4 of Section 3, T22N, R18E, M.D.B.&M. at a point from which the NW corner of Section 34, T23N, R18E, M.D.B.&M. bears N17°W a distance of 8,000 feet.
6. Place of use Washoe County as described in NRS 243.340 et seq. Place of use map has been filed under application 50191.
7. Use will begin about January 1 and end about December 31, of each year.
8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Two reservoirs, penstock tunnels, a combination pumphouse/powerhouse, and power transmission system.
9. Estimated cost of works \$500,000,000.00

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

Compared..... bc/bl cl/.....

Protested.....

DENIAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby ~~grant~~^{deny} 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, 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. 19 98

[Signature]
State Engineer

ATTACHMENT "A"

PUMPED STORAGE PROJECT NUMBER 9
PETERSEN MOUNTAIN
RESERVOIR SITE NO. 2

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 6,000 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 1,000 acre feet. The peak generating capacity of this project is about 1,000 megawatts. The power plant will be located at a point along a line connecting the forebay and afterbay.

The proposed dam in Section 34 T23N R18E M.D.B.&M. will be approximately 240 feet high and will submerge approximately 170 acres of land lying below an elevation of 6,100 feet mean sea level located within Section 34 T23N R18E M.D.B.&M. and Section 3 T22N R18E M.D.B.&M. The average total vertical head of this project is approximately 1,600 feet if reservoir site 2 is used as the afterbay. The selection of the afterbay, power plant location, dam location and construction methods will depend upon a detailed site investigation and project optimization.

