

AMENDED

Nº 50261

STORE APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA RESERVOIR SITE NO. 20

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 POU under 50191

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...
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 \$112,000,000.00

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".

Compared... bc/bl

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

Protested... 2/20/87 by Fish Springs Ranch Ltd.

.....OF STATE ENGINEER

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

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..... IN TESTIMONY WHEREOF, I.....

Proof of beneficial use filed..... State Engineer of Nevada, have hereunto set my hand and the seal of

Cultural map filed..... my office, this..... day of.....

Certificate No..... Issued..... A.D. 19.....

ATTACHMENT "A"

PUMPED STORAGE PROJECT NUMBER 7
SPANISH FLAT QUADRANGLE
RESERVOIR SITE NO. 20

This application is for storage of water in an artificial reservoir (forebay) to be constructed as part of an electrical energy pumped storage project. This project consists of a forebay and afterbay that will recycle approximately 2,000 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 600 acre feet. The peak generating capacity of this project is about 225 megawatts. The power plant will be located at a point along a line connecting the forebay and afterbay.

The proposed dam and ring dike located in Section 4 T25N R19E M.D.B.&M. and Section 33 T26N R19E M.D.B.&M. will submerge approximately 75 acres of land lying below an elevation of 5,700 feet mean sea level within the previously described sections 4 and 33. The maximum height of the dam will be approximately 170 feet. The average total vertical head of this project is approximately 1,560 feet. The selection of the power plant location, dam location and construction methods will depend upon a detailed site investigation and project optimization.

