

THE STATE OF NEVADA

CERTIFICATE OF APPROPRIATION OF WATER

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WHEREAS, Ted E. De Long, Agent has presented to the State Engineer of the State of Nevada Proof of Application of Water to Beneficial Use, from an underground source (Well 23-5) through a drilled well and distribution system for industrial and domestic (geothermal power production) purposes. The point of diversion of water from the source is as follows:

SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 5, T.17N., R.20E., M.D.B.&M., or at a point from which the NW corner of Section 32, T.18N., R.20E., M.D.B.&M., bears N. 09°43'26" W., a distance of 7,241.0 feet situated in Washoe County, State of Nevada.

NOW KNOW YE, That the State Engineer, under the provisions of NRS 533.425, has determined the date, source, purpose, amount of appropriation, and the place where such water is appurtenant, as follows:

Name of appropriator: Caithness Power, Inc.
 Source: Underground (Well 23-5)
 Manner of Use: Industrial and Domestic
 (Geothermal Power Production)
 Amount of appropriation: 2.41 c.f.s., but not to exceed
 1,744.36 acre-feet annually
 Period of use: January 1st to December 31st
 of each year
 Date of priority of
 appropriation: *September 15, 1980

Description of the works of diversion, manner and place of use:

Water is developed by means of a drilled well, 20 inch diameter casing, thence through the plant's distribution system including piping, high pressure steam separator, turbine, condensor and cooling tower. Geothermal fluid is utilized for the generation of power at a 14.4 megawatt plant. The used geothermal fluid is to be returned to the source via injection wells. The place of use is located within the N $\frac{1}{2}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 5, T.17N., R.20E., M.D.B.&M.; and Section 32, T.18N., R.20E., M.D.B.&M.

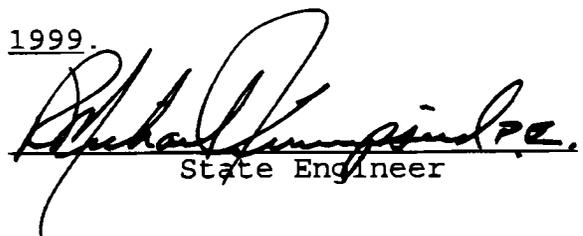
The total combined consumptive use under Permits 50914, 53848, 55191, 55192, 55193, 55194, 55195, 55196, 55197, 55198 and 55199 shall not exceed 7,963.67 acre-feet annually.

*This certificate changes the place of use of Permit 42449, therefore, the date of priority remains the same as Permit 42449.

This certificate is issued subject to the terms of the permit.

The right to water hereby determined is limited to the amount which can be beneficially used, not to exceed the amount above specified, and the use is restricted to the place and for the purpose as set forth herein.

IN TESTIMONY WHEREOF, I, R. MICHAEL TURNIPSEED, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 10th day of May, A.D. 1999.


 State Engineer