

THE STATE OF NEVADA

CERTIFICATE OF APPROPRIATION OF WATER

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WHEREAS, Keith Mickelson, Agent, has presented to the State Engineer of the State of Nevada, Proof of Application of Water to Beneficial Use, from an underground source, through a drilled well (**Goerenger Well**), pump and distribution system for industrial (geothermal reservoir augmentation) purposes. The point of diversion of water from the source is as follows:

NE¼ NE¼ Section 7, T.24N., R.37E., M.D.B.&M., or at a point from which the NE corner of said Section 7 bears N. 37°06'31" E., a distance of 1,536.4 feet situated in Churchill 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:	United States of America (U.S. Navy)
Source:	Underground (Goeringer Well)
Manner of use:	Industrial (geothermal reservoir augmentation)
Amount of appropriation:	*3.071 c.f.s., but not to exceed 1,229.92 acre-feet annually
Period of use:	January 1st to December 31st of each year
Date of priority of appropriation:	**November 3, 1969

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

Water is developed by means of a drilled well, 260 feet deep, 16-inch diameter casing, equipped with a 250 H.P. U.S. motor and Ingersoll Rand vertical pump, thence through a distribution system to an injection well located within Section 32, T.25N., R.37E., M.D.B.&M. The injected water helps provide pressure support to the geothermal reservoir, helping maintain power production.

*The total combined duty of water under Permits 64109, Certificate 17139; 64110, Certificate 17140; Permit 65492, Certificate 17141, and any certificate issued under Permit 67446, shall not exceed and 2893.66 acre-feet annually.

*The total combined duty of fresh underground water used for industrial drilling and testing purposes under Permit 43553, Certificate 13731; and for industrial cooling and domestic purposes under Permit 50753, Certificate 13080; and for industrial injection for geothermal reservoir augmentation purposes under Permits 64109, Certificate 17139; 64110, Certificate 17140; 65492, Certificate 17141; and any certificates issued under Permits 67446 and 69218 (expires December 31, 2013) shall not exceed 6220.68 acre-feet annually.

**This certificate changes the point of diversion, manner and place of use of Permit 25340, Certificate 8018, therefore, the date of priority remains the same as Permit 25340, Certificate 8018.

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.

Continued

IN TESTIMONY WHEREOF, I **TRACY TAYLOR, P.E.**, State Engineer
of Nevada, have hereunto set my hand and the seal of my office,
this 31st day of December, A.D., 2008.

WHR/SNC/gkl

for R.D. Hill P.E.
State Engineer