



Certified Mail

June 28, 2011

C.M. Henvit
Naval Reactors Idaho Branch Office
P.O. Box 2469
Idaho Falls, ID 83403

RE: LA-000155-01, INL NRF Industrial Waste Ditch, Permit Modification "A".

Dear Mr. Henvit:

The Department of Environmental Quality (DEQ) received the November 10, 2010 letter from the Naval Reactors Facility requesting a modification of Wastewater Reuse Permit LA-000160-01 to remove upgradient monitoring well USGS-12 from permit monitoring requirements and replace it with the newly constructed upgradient monitoring well NRF-16. Monitoring well NRF-16 was constructed approximately 1 mile upgradient of the facility whereas the existing upgradient monitoring well USGS-12 is located approximately 3 miles upgradient.

We have also reviewed the *Completion Summary for Well NRF-16 near the Naval Reactors Facility, Idaho National Laboratory, Idaho*, Scientific Investigations Report 2010-5101, prepared by the U.S. Geological Survey and submitted to our office on December 3, 2010. It appears the construction of NRF-16 meets state standards and will comply with the monitoring requirements of Wastewater Reuse Permit LA-000155-01.

The Department concurs with the request to replace USGS-12 with NRF-16 in the permit. With this letter, the Department is issuing Minor Modification "A" to Wastewater Reuse Permit LA-000160-01 as follows:

- 1) Delete monitoring well USGS-12 (GW-015501) from Appendix 1 Environmental Monitoring Serial Numbers and discontinue the associated monitoring of GW-015501 specified in the Facility Monitoring Table of Section G. Monitoring Requirements.
- 2) Add new monitoring well NRF-16 (GW-015509) to Appendix 1 Environmental Monitoring Serial Numbers and initiate sampling of NRF-16 in accordance with the associated monitoring requirements specified in the Facility Monitoring Table of Section G. Monitoring Requirements.

- 3) Add Figure 2 from *Completion Summary for Well NRF-16 near the Naval Reactors Facility, Idaho National Laboratory, Idaho*, Scientific Investigations Report 2010-5101, U.S. Geological Survey, DEQ TRIM # 2010AGH2134, Received December 3, 2010. A copy of Figure 2 is attached to this transmittal.

This letter is your official copy of the permit modification and demonstrates that you are authorized to operate the wastewater land application facility subject to certain specified requirements. This letter is an official part of Permit No. LA-000155-01. **Please attach this letter to the original permit.**

The effective date of Modification "A" is June 28, 2011.

Sincerely,



Erick Neher
Regional Administrator
Idaho Falls Regional Office

EN:tr

Attachment: Figure 2 from USGS Completion Summary for NRF-16.

c: Rob Ramsey, NRF
Olga Cuzmanov, DEQ Boise
Lindsay Stanton, DEQ Boise
Greg Eager, DEQ Idaho Falls
Tom Rackow, DEQ Idaho Falls
Source File LA-000155-01

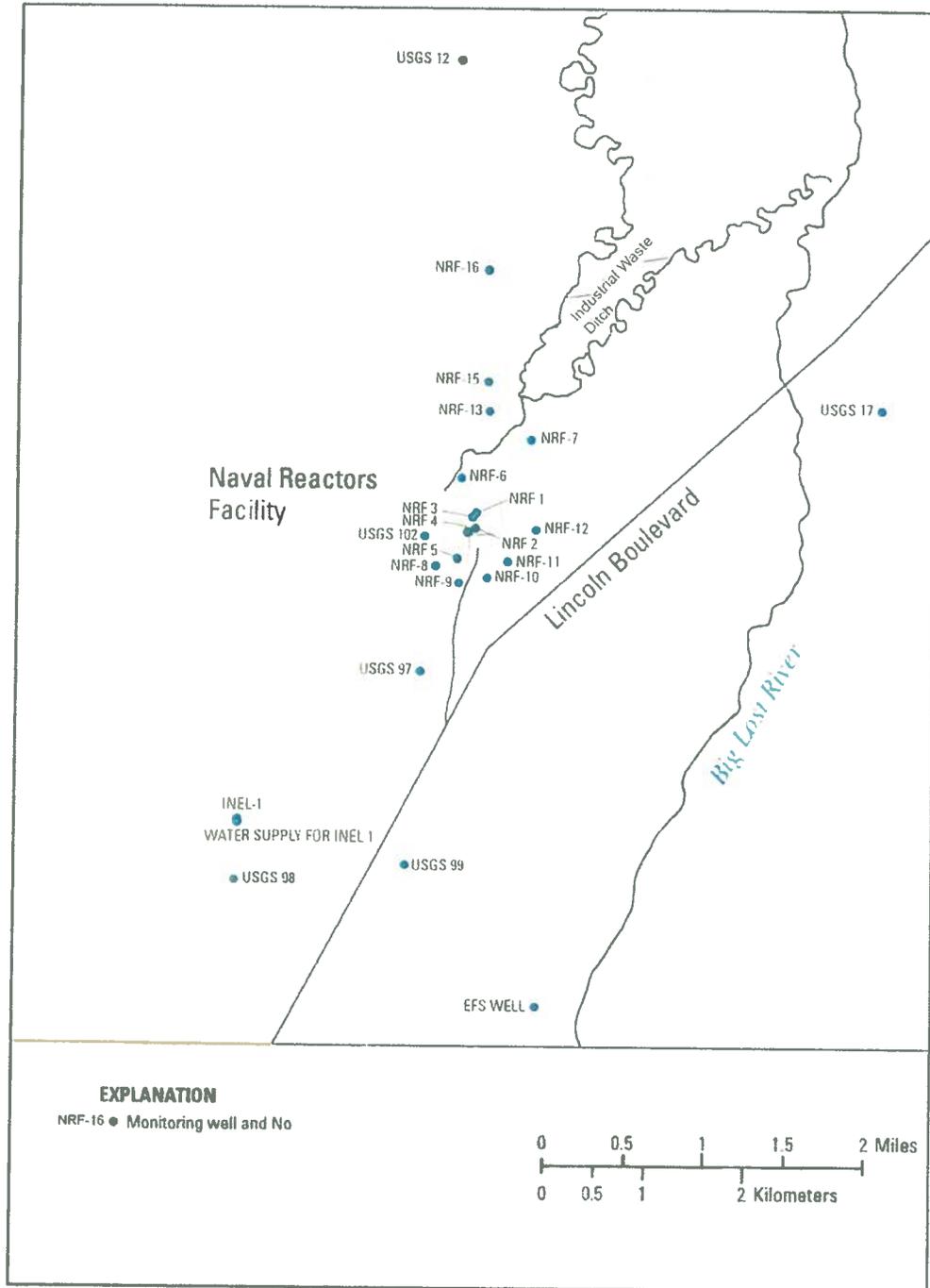


Figure 2. Location of monitoring wells, Naval Reactors Facility and vicinity, Idaho National Laboratory, Idaho.