



HITACHI

GE Hitachi Nuclear Energy

Donald R. Krause
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17 April 2014

Ltr. No. DRK-2014-008

Director of the Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike
Rockville, MD 20852-2738

Attn: Document Control Desk

Subject: Annual statement of non-availability of federal government funding for conversion from HEU to LEU for NTR; License R-33, Docket 50-73

Reference: 1) 10 CFR 50.64 Limitations on the use of highly enriched uranium (HEU) in domestic non-power reactors
2) License R-33, Docket 50-73

Enclosure: Letter from Christopher Landers of DOE NNSA to Donald Krause, March 24, 2014

GE Hitachi Nuclear Energy Americas, LLC., (GEH) operates the Nuclear Test Reactor (NTR) at the Vallecitos Nuclear Center in Sunol, California under the provisions of License No. R-33 issued by the U.S. Nuclear Regulatory Commission. The NTR operates utilizing fully enriched U-Al alloy fuel at a maximum power of 100 kW.

In accordance with 10 CFR 50.64 (Ref 1), GE Vallecitos Nuclear Center is submitting the enclosed letter to demonstrate that funding is not currently available for conversion of the fuel for the Nuclear Test Reactor, License R-33, Docket 50-73.

If you have any questions, please contact me at 925-862-4360.

Sincerely Yours,

Digitally signed by

Donald R. Krause

Date: 2014.04.16

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Donald R. Krause
Regulatory Compliance Program Manager,
Radiation Safety Officer

cc: Xiaosong Yin, NRC
D. Thomas, GEH
E. Saito, GEH



Enclosure
Department of Energy
National Nuclear Security Administration
Washington, DC 20585



March 24, 2014

Mr. Donald R. Krause
Manager, Regulatory Compliance &
EHS GE Hitachi Nuclear Energy
Vallecitos Nuclear Center
6705 Vallecitos Road
Sunol, CA 94586

SUBJECT: Notification that No Federal Funding is Available to Support the Nuclear Test Reactor at the Vallecitos Nuclear Center in Converting from Highly-Enriched Uranium Fuel to Low Enriched Uranium in FY2014

REFERENCE: GE Hitachi Nuclear Energy Letter, Donald R. Krause to James R. Wade, Subject: Funding HEU/LEU Fuel Conversion, dated March 4, 2014

Mr. Krause:

In accordance with 10 CFR Part 50.64, *Limitations on the Use of Highly Enriched Uranium in Domestic Non-Power Reactors*, the Nuclear Test Reactor (NTR) at the Vallecitos Nuclear Center is required to send a letter annually to the Nuclear Regulatory Commission documenting if federal funds are available to convert to low-enriched uranium (LEU) fuel.

In accordance with 10 CFR Part 50.64, you are hereby notified that Department of Energy funding will not be available in FY2014 for conversion of the NTR to LEU fuel.

You will be notified in the event these circumstances change. If you have any questions, please contact me at (202) 586-9993.

Regards,

Christopher C. Landers
Reactor Conversions Program
Manager
Global Threat Reduction Initiative

cc: Parrish A. Staples, NA-212
Tracey L. Bishop, NE-32
Vic Pearson, DOE ID
Kenny Osborne, DOE ID
Mark Leik, GE Power & Water
Earl Saito, GE Power & Water

