



# HITACHI

## GE Hitachi Nuclear Energy

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TAC 15-002

February 16, 2015

10 CFR 50.90

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555-0001

GE Hitachi Nuclear Test Reactor (NTR) Facility License R-33  
Docket No. 50-73  
License No. R-33

**Subject:** Technical Specification Change to Support Potential VNC Site Land Sale

Pursuant to 10 CFR 50.90, GE Hitachi Nuclear Engineering (GEH) hereby requests an administrative license amendment to revise the NTR Technical Specifications (TS) for Definition 1.2.26, "Site". This amendment will remove detail (site acreage) that is not relevant to the licensing basis for the NTR facility.

In addition, GEH has reviewed the adequacy of the existing annual average dilution-dispersion factor ( $\text{Chi}/Q$ ), which is based in part on the distances from the NTR stack to the 16 sector distances at the site boundary that are dependent on the changing site layout, and which is used as a characteristic parameter to develop the stack release rate limits in the NTR TS. The results of the adequacy review indicated the existing  $\text{Chi}/Q$  remains bounding for the NTR site; thus, the reduction in site acreage does not result in any change to the Technical Specifications but does constitute a change in dispersion methodology. The proposed changes to the Technical Specifications and underlying dispersion methodology have been evaluated to ensure that there is no impact on the facility operation or safety.

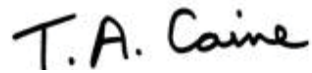
Enclosure 1 provides a technical and regulatory evaluation of the changes. Proposed TS and Bases; and Safety Analysis Report (SAR) page markups, are included as Enclosures 2, 3 and 4. Approval of the proposed amendment is requested by April 17, 2015 to support Vallecitos site activities. GEH will implement the amendment within 30 days of the NRC approval date.

In accordance with 10 CFR 50.91, GEH is notifying the State of California of this license amendment request by transmitting a copy of this letter and enclosure to the designated State Official.

If there are any questions or if additional information is needed, please contact Tim Enfinger at 910-819-4881 or Timothy.Enfinger@ge.com.

I declare under penalty of perjury that the foregoing is true and correct. Executed on February 16, 2015.

Sincerely,

A handwritten signature in black ink that reads "T.A. Caine". The letters are cursive and fluid, with the first name "T.A." and last name "Caine" clearly distinguishable.

Thomas A. Caine, Site Manager  
Vallecitos Nuclear Center

Enclosures:

1. Evaluation of the Proposed Change
2. Technical Specification and Bases Page Markups
3. Retyped Technical Specification and Bases Pages
4. Safety Analysis Report Page Markups

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