



HITACHI

GE Hitachi Nuclear Energy

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~~**Security Related and Proprietary Information Notice**~~

~~Enclosure 1 to this letter contains GE Hitachi Nuclear Energy security related and proprietary information which is to be withheld from public disclosure in accordance with 10 CFR 2.390. Upon removal of Enclosure 1, the balance of this letter may be made public.~~

M2200143

October 27, 2022

Director of the Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-001
Attn: Document Control Desk

Subject: Vallecitos Nuclear Center (VNC) Radiological Emergency Plan (REP) Revision 2

- References:
- 1) NRC License R-33, Docket 05000073
 - 2) NRC License DPR-1, Vallecitos Boiling Water Reactor (VBWR), Docket 05000018
 - 3) NRC License DR-10, ESADA Vallecitos Experimental Superheat Reactor (EVESR), Docket 05000183
 - 4) NRC License TR-1, General Electric Test Reactor (GETR), Docket 05000070
 - 5) Letter from D. Hardesty (NRC) to M. Feyrer (GEH), NRC General Electric-Hitachi Nuclear Energy Americas, LLC – Issuance of Amendment No. 24 to Facility License No. R-33 for Vallecitos Nuclear Center Radiological Emergency Plan (EPID NO. L-2019-LLA-0159), 02/12/21 (ML20125A077)

Enclosed find Revision 2 to the GE Hitachi Energy, LLC (GEH), Vallecitos Nuclear Center (VNC) Radiological Emergency Plan (REP) (Ref 5). Revision 2 was made effective 10/7/2022. Setpoints for EALs RA3 and RU3 were recalculated and adjusted in this revision in a nonconservative direction as the result of the adoption of a more appropriate 10 CFR 20, Appendix B, Table 2 reference effluent concentration value. It was concluded that these changes are not a reduction in effectiveness of the REP because they correct a mistake that resulted in an RU3 setpoint that was not discernable above operational effluent release values. Enclosure 2 provides a detailed analysis supporting this change. Other minor administrative changes in this revision were also made without prior NRC approval pursuant to 10 CFR 50.54(q). These changes are to REP position titles and described activities in the decommissioning reactor facilities.

All changes to the REP are annotated by change bars in the right-hand margin.

If you have questions or need additional information, please contact me using the contact information above.

Sincerely,

Jeff Smyly

Digitally signed by Jeff Smyly
DN: cn=Jeff Smyly, gn=Jeff Smyly, c=US, United States, i=US, United States, o=GEH, ou=Vallecitos Nuclear Center Regulatory Compliance, e=jeffrey.smyly@ge.com
Reason: I am approving this document
Location:
Date: 2022-10-27 11:52:07:00

Jeffrey Smyly, Regulatory Compliance Manager

Enclosure 1: VNC Radiological Emergency Plan, Revision 2 (proprietary)

USNRC
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Enclosure 2: Evaluation of Vallecitos Nuclear Center NTR Effluent Abnormal Radiological
Conditions Emergency Action Level Thresholds

Enclosure 3: VNC Radiological Emergency Plan, Revision 2 (public)

cc: NRC Region IV Administrator, Arlington, TX
D. Hardesty, NRC NRR/DANU/UNPL
J. Parrott, NRC NMSS/DUWP/RDB

JS 22-006

**VNC Radiological Emergency Plan –
Revision 2 (proprietary)**

**Evaluation of Vallecitos Nuclear
Center NTR Effluent Abnormal
Radiological Conditions Emergency
Action Level Thresholds**

**VNC Radiological Emergency Plan,
Revision 2 (public)**