

ArevaEPRDCPEm Resource

From: Tesfaye, Getachew
Sent: Wednesday, October 10, 2012 5:51 PM
To: 'usepr@areva.com'
Cc: Stubbs, Angelo; Lee, Samuel; McKenna, Eileen; Ford, Tanya; Snyder, Amy; Segala, John; ArevaEPRDCPEm Resource
Subject: Draft - U.S. EPR Design Certification Application RAI No. 563 (6890), FSAR Ch. 19 - NEW PHASE 4 RAI - Fukushima
Attachments: Draft RAI_563_BPFP_6890.doc

Attached please find draft RAI No. 563 regarding your application for standard design certification of the U.S. EPR. If you have any question or need clarifications regarding this RAI, please let me know as soon as possible, I will have our technical Staff available to discuss them with you.

Please also review the RAI to ensure that we have not inadvertently included proprietary information. If there are any proprietary information, please let me know within the next ten days. If I do not hear from you within the next ten days, I will assume there are none and will make the draft RAI publicly available.

Thanks,
Getachew Tesfaye
Sr. Project Manager
NRO/DNRL/LB1
(301) 415-3361

Hearing Identifier: AREVA_EPR_DC_RAIs
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From: Tesfaye, Getachew

Created By: Getachew.Tesfaye@nrc.gov

Recipients:

"Stubbs, Angelo" <Angelo.Stubbs@nrc.gov>
Tracking Status: None
"Lee, Samuel" <Samuel.Lee@nrc.gov>
Tracking Status: None
"McKenna, Eileen" <Eileen.McKenna@nrc.gov>
Tracking Status: None
"Ford, Tanya" <Tanya.Ford@nrc.gov>
Tracking Status: None
"Snyder, Amy" <Amy.Snyder@nrc.gov>
Tracking Status: None
"Segala, John" <John.Segala@nrc.gov>
Tracking Status: None
"ArevaEPRDCPEm Resource" <ArevaEPRDCPEm.Resource@nrc.gov>
Tracking Status: None
"usepr@areva.com" <usepr@areva.com>
Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

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Request for Additional Information 563(6890), Revision 0

Issue Date: 10/10/2012

Application Title: U. S. EPR Standard Design Certification - Docket Number 52-020

AREVA NP Inc.

Review Section: 19 - Probabilistic Risk Assessment and Severe Accident Evaluation

Application Section:

QUESTIONS

19-356

Open Item

New Phase 4 RAI - Fukushima

On February 17, 2012, the NRC staff provided SECY-12-0025, "Proposed Orders and Requests for Information in Response to Lessons Learned from Japan's March 11, 2011, Great Tohoku Earthquake and Tsunami," to the Commission, including the proposed order to implement the enhanced mitigation strategies. As directed by SRM-SECY-12-0025, the NRC staff issued Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events." On March 30, 2012, the Commission issued Memorandum and Order CL12-09, "In the Matter of South Carolina Electric & Gas Co. and South Carolina Public Service Authority (Also Referred to as Santee Cooper; Virgil C. Summer Nuclear Station, Units 2 and 3)," which includes the requirements for mitigation strategies as a license condition for Virgil C. Summer Nuclear Station, Units 2 and 3.

On August 29, 2012, the NRC staff issued JLD-ISG-2012-01, "Compliance with Order EA-12-049, Order Modifying Licenses with regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events," endorsing NEI 12-06, Revision 0 with two clarifications and published a notice of the ISG's availability in the *Federal Register* (77 FR 55230).

The NRC staff has been directed by the Commission to implement the Fukushima Near-Term Task Force Recommendations, as presented in SECY-12-0025, "Proposed Orders and Requests for Information in Response to Lessons Learned from Japan's March 11, 2011, Great Tohoku Earthquake and Tsunami", dated February 12, 2012. This request for additional information specifically addresses Recommendation 4.2 on Mitigating Strategies. The NRC staff requests that you address each of the provisions for mitigating strategies as described in Attachment 2 to Order EA-12-049, including any proposals for changes to your current application. In particular, please also describe the extent to which you intend to follow JLD-ISG-2012-01, or any alternative approaches to satisfy these provisions.