ArevaEPRDCPEm Resource

From: Tesfaye, Getachew
Sent: Wednesday, September 02, 2009 7:11 PM
To: 'usepr@areva.com'
Cc: Cheung, Calvin; Jackson, Terry; Canova, Michael; Miernicki, Michael; Jennings, Jason; Colaccino, Joseph; ArevaEPRDCPEm Resource
Subject: U.S. EPR Design Certification Application RAI No. 284 (3617), FSAR Ch. 14
Attachments: RAI_284_ICE1_3617.doc

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on August 25, 2009, and on August 26, 2009, you informed us that the RAI is clear and no further clarification is needed. As a result, no change is made to the draft RAI. The schedule we have established for review of your application assumes technically correct and complete responses within 30 days of receipt of RAIs. For any RAIs that cannot be answered within 30 days, it is expected that a date for receipt of this information will be provided to the staff within the 30 day period so that the staff can assess how this information will impact the published schedule.

Thanks,
Getachew Tesfaye
Sr. Project Manager
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Hearing Identifier: AREVA_EPR_DC_RAIs
Email Number: 786

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Request for Additional Information No. 284 (3617), Revision 0

9/02/2009

U. S. EPR Standard Design Certification
AREVA NP Inc.
Docket No. 52-020
SRP Section: 14.03.05 - Instrumentation and Controls - Inspections, Tests, Analyses, and Acceptance Criteria
Application Section: 14.03.05

QUESTIONS for Instrumentation, Controls and Electrical Engineering 1 (AP1000/EPR Projects) (ICE1)

14.03.05-24

ITAAC addressing Protection System Interlocks (U.S. EPR FSAR Tier 1, Table 2.4.1-9, Item 4.13) is not adequate to verify that the as-built functionality meets the design. The ITAAC acceptance criteria states, “The PS interlocks exist as provided in Table 2.4.1-8." Modify the ITAAC to verify both existence as well as proper functionality to meet design criteria.

10 CFR 52.47(b)(1) states that “the proposed inspections, tests, analyses, and acceptance criteria that are necessary and sufficient to provide reasonable assurance that, if the inspections, tests, and analyses are performed and the acceptance criteria met, a facility that incorporates that design certification has been constructed and will operated in conformity with the design certification, the provisions of the Act, and the Commission’s rules and regulations.” Modify the ITAAC provided as Item 4.13 to both address its existence and its proper functionality.