

ArevaEPRDCPEm Resource

From: Tesfaye, Getachew
Sent: Tuesday, August 25, 2009 5:31 PM
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Subject: Draft - U.S. EPR Design Certification Application RAI No. 284 (3617), FSAR Ch. 14
Attachments: Draft RAI_284_ICE1_3617.doc

Attached please find draft RAI No. 284 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,
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Request for Additional Information No. 284 (3617), Revision 0

8/25/2009

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.