

ArevaEPRDCPEm Resource

From: Snyder, Amy
Sent: Friday, August 23, 2013 10:28 AM
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Cc: Segala, John; Hearn, Peter; McKenna, Eileen; Wheeler, Larry
Subject: U.S. EPR Design Certification Application DRAFT RAI 602, Section 09.02.05 - Ultimate Heat Sink
Attachments: DRAFT RAI_602_BPTS_7228.docx

Attached please find Draft RAI No. 602 regarding your application for standard design certification of the U.S. EPR. If you have any questions or need clarification regarding this Draft 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 draft RAI to ensure that we have not inadvertently included proprietary information. If there is 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.

Amy

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DRAFT
Request for Additional Information 602

Issue Date: 08/23/2013

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

Operating Company: AREVA NP Inc.

Docket No. 52-020

Review Section: 09.02.05 - Ultimate Heat Sink

Application Section: 9.2.5

QUESTIONS

09.02.05-39

In accordance with 10 CFR50 Appendix A and GDC 44, cooling water must have the capability to transfer heat from systems, structures, systems, and components (SSCs) important to safety to an ultimate heat sink during both normal and accident conditions, with suitable redundancy, assuming a single active component failure coincident with either the loss of offsite power or loss of onsite power. Based on the staff's review of US-EPR FSAR Revision 5, the following questions are needed related to the ultimate heat sink (UHS) and SSCs important to safety.

Page 9.2-129, note number 2 is incorrect; "241 x 10⁶ BTU/hr". The 10 should be superscript with a 6. Page 9.2.125-126, two paragraphs with 4 bullet items are repeated twice. "During the 27 days....will also be included."

Both on these items should be corrected in the FSAR.