

CCNPP3eRAIPEm Resource

From: Arora, Surinder
Sent: Thursday, August 19, 2010 12:32 PM
To: 'Poche, Robert'; 'cc3project@constellation.com'; Scott, Roger D
Cc: CCNPP3eRAIPEm Resource; Williams, Kevin; Moody, Robert; Weiss, Eric; Barss, Dan; Colaccino, Joseph; Biggins, James; Vrahoretis, Susan; Steckel, James; Chazell, Russell
Subject: DRAFT RAI 262 NSIR EP 5001
Attachments: DRAFT RAI 262 NSIR EP 5001.doc

Rob,

Attached is DRAFT RAI No. 262 (eRAI No. 5001). You have until September 2, 2010, to review this RAI and decide whether you need a conference call to discuss/clarify the question(s) in this RAI before the final issuance. After the clarification phone call or on September 2, 2010, the RAI will be finalized and sent to you for response. You will then have 30 days to provide a technically complete response or an expected response date for the RAI.

Thanks.

SURINDER ARORA, PE
PROJECT MANAGER,
Office of New Reactors
US Nuclear Regulatory Commission

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Hearing Identifier: CalvertCliffs_Unit3Col_RAI
Email Number: 15

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Subject: DRAFT RAI 262 NSIR EP 5001
Sent Date: 8/19/2010 12:32:05 PM
Received Date: 8/19/2010 12:32:06 PM
From: Arora, Surinder

Created By: Surinder.Arora@nrc.gov

Recipients:

"CCNPP3eRAIPEm Resource" <CCNPP3eRAIPEm.Resource@nrc.gov>

Tracking Status: None

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Tracking Status: None

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Tracking Status: None

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Tracking Status: Response: None : 8/19/2010 7:33:00 AM

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Tracking Status: None

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Tracking Status: None

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Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	681	8/19/2010 12:32:06 PM
DRAFT RAI 262 NSIR EP 5001.doc		32250

Options

Priority: Standard

Return Notification: No

Reply Requested: Yes

Sensitivity: Normal

Expiration Date:

Recipients Received:

Request for Additional Information No. 262 (eRAI 5001)
DRAFT
8/19/2010

Calvert Cliffs Unit 3
UniStar
Docket No. 52-016
SRP Section: 01 - Introduction and Interfaces
Application Section: Chapter 1

QUESTIONS for Licensing and Inspection Branch (NSIR/DPR/LIB) (EP)

01-11

Title: Emergency Planning for Requested Licenses Issued Under Parts 30 and 40
Basis: 10 CFR 30.32(i)(1)(i) and (ii); 10 CFR 40.32(j)(1)(ii)
Acceptance Criterion: See above

- A. Identify the physical form of the byproduct material that will be received, possessed, or used at CCNPP Unit 3. If the byproduct material is in unsealed form, on foils or plated sources, or sealed in glass, does it exceed the quantities in Schedule C in 10 CFR 30.72? If the quantities exceed Schedule C, provide either an evaluation showing the maximum dose to a person offsite would be less than 1 rem dose equivalent or 5 rems to the thyroid [10 CFR 30.32(i)(2)] or provide an emergency plan that meets the requirements of 10 CFR 30.32(i)(3). If compliance through the requirements of 10 CFR 30.32(i)(3) is chosen, address how the implementation of the emergency plan prior to the receipt of byproduct material will be accomplished and reflect the implementation in FSAR Table 13.4-201, "Operational Programs Required by NRC Regulations." If the byproduct material will be in sealed form, discuss the need to address 10 CFR Part 30 in the Emergency Planning portion of Table 13.4-201, or remove the reference from the Emergency Planning portion of the table.
- B. In Section 1.1.3, "Requested Licenses and Authorized Uses" of Chapter 1 of the COL application, specific source materials and associated quantities are not identified. The need to know whether or not uranium hexafluoride will be received, possessed or used is necessary to determine the need for an emergency plan (either limited scope or fully implemented). Therefore, in accordance with 10 CFR 40.31(j)(1), does the request for a Part 40 license involve authorization to receive, possess, or use uranium hexafluoride in excess of 50 kilograms in a single container or 1000 kilograms total? If either of the above quantities are exceeded, provide either an evaluation showing that the maximum intake of uranium by a member of the public due to a release would not exceed 2 milligrams [see 10 CFR 40.31(j)(2)] or an emergency plan for responding to the radiological hazards of an accidental release of source material and to any associated chemical hazards related to the material [see 10 CFR 40.31(j)(3)]. If the quantities of source material identified above are not exceeded, revise the Emergency Planning portion of Table 13.4-201 accordingly.