

NorthAnnaRAIsPEM Resource

From: David B Evans (Generation - 6) [David.B.Evans@dom.com]
Sent: Monday, October 20, 2014 5:22 PM
To: Buckberg, Perry
Cc: Regina Borsh (Generation - 6); Joseph Hegner (Generation - 6); Barry Bryant (Generation - 6)
Subject: Clarification on NA3 Draft RAIs

Hello Perry,

We have evaluated the draft RAIs received on Thursday (10/16/14), and are requesting clarification as specified below.

7677: The radwaste effluent discharge pipeline is consistent with the DCD, with the exception of the small portion that is routed straight to the discharge canal as described in our departure. The level of detail requested in several of the subquestions provided has not been developed. What is the necessary level of detail we can provide the NRC for the reviewers to prepare their SER?

7678: FSAR Figure 12.3-20R was produced using the same format as the DCD, which did not include radiation dose rate zone designations for the specified rooms. Our figure is consistent with the DCD and the R-COLA; why is this RAI necessary?

7679: The second paragraph of the question states, “...the NA3 COL FSAR may contain site specific SSCs used for handling, containing or storing radioactive material...” We do not have any site-specific SSCs used for the specified purpose, so this seems like a “what-if” question. We discuss our compliance with RG 4.21, NEI 08-08A, and 10 CFR 20.1406 in FSAR Section 12.3.1.5.2. Why is this RAI necessary?

7680: FSAR Section 9.3.11, as indicated in the draft question, contains the information requested. Is the NRC looking for us to reiterate this information in Chapter 12, or requesting additional detail?

7681: As stated in DCD Section 9.3.11, the zinc injection system does not perform any safety-related function, and does not affect the safety function of any safety-related system. Why is RG 1.68 applicable to the zinc injection system?

7701: Detailed design for the shield bells has not been developed. Our description contained in FSAR Section 11.4.2.2 is consistent with the R-COLA. What additional detail is the staff requesting, and why is this necessary?

7702: The 0.416 cubic meters per year of mixed waste disposed is consistent with the DCD and the R-COLA. The DCD commits to compliance with 10 CFR 20.2007, and we are in alignment with the DCD. What additional detail is the staff requesting, and why is this necessary?

Additionally, we determined no clarification is needed for draft RAIs **7676** and **7683**. We are still evaluating the drafts we received on Friday and today, and will get back to you by the deadlines you specified.

Thanks,

Ben Evans

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