

PMBelCOL PEmails

From: Tanya Simms
Sent: Wednesday, June 11, 2008 7:41 AM
To: rgrumbir@gmail.com; alsterdis@tva.gov; erg-xl@cox.net; pshastings@duke-energy.com; Ray, Phillip M
Cc: Joseph Sebrosky; PMBelCOL PEmails
Subject: Draft RAI 291 Related SRP Section 9.1.5 for Bellefonte Units 3 and 4
Attachments: RAI 291 draft.pdf

To All,

Attached is Draft RAI 291 related to SRP Section 9.1.5 for Bellefonte Units 3 and 4. Please contact me if you desire a phone conference regarding this RAI. If no response is heard by close of business June 16, 2008, the final RAI will be issued.

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Subject: Draft RAI 291 Related SRP Section 9.1.5 for Bellefonte Units 3 and 4
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MESSAGE	524	6/11/2008 7:41:01 AM
RAI 291 draft.pdf	15231	

Options

Priority: Standard
Return Notification: No
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Request for Additional Information No. 291 Revision 0
Bellefonte Units 3 and 4
TVA
Docket No. 52-014 and 52-015
SRP Section: 09.01.05 - Overhead Heavy Load Handling Systems
Application Section: 9.1.5

QUESTIONS from Balance of Plant Branch 2 (SBPB)

09.01.05-1

RAI-9.1.5-SBPB-01 Regulatory Guide (RG) 1.206 Section C.I.9.1.5 states that the application should describe the program and schedule for implementation of the program governing heavy load handling, including several bulleted items as listed in the RG. Standard Review Plan (SRP) 9.1.5 Revision 1 and NUREG -0612 Section 5.1.1 further describe heavy load handling guidelines. The applicant provided STD SUP 9.1-1, which provided some information regarding any future heavy load lifts outside those already described in the DCD. However, this information does not address all the program elements and detail listed in RG 1.206 Section C.I.9.1.5, NUREG -0612 Section 5.1.1 and SRP 9.1.5, nor does it provide a schedule for implementation. A heavy load handling program that meets the requirements of Section 5.1.1 of NUREG- 0612, SRP Section 5.1.1 and RG 1.206 Section C.I.9.1.5 should be in place before there is a possibility that a load drop could cause a release of radioactivity, a criticality accident, inability to cool fuel within the reactor vessel or spent fuel pool, or prevent safe shutdown of the reactor. Please provide a description of the key elements of the heavy loads handling program at a level of detail similar to that of the NUREG, SRP and RG. Include a description of the program areas that will be addressed by the procedures developed to cover load handling operations, a discussion on the establishment and use of safe load paths, programs or procedures for training and qualification of crane operator, programs or procedures for crane inspection testing and maintenance, and the heavy loads quality assurance program. In addition please provide a schedule as to when the procedures will be complete, and when the vendor specific information will be provided.

09.01.05-2

RAI-9.1.5-SBPB-02 AP1000 DCD Revision 16 Section 9.1.6.5, "Inservice Inspection Light Load Handling System,"(SIC) states that the COL applicant is responsible for providing a program for inservice inspection of the overhead heavy load handling system in accordance with ANSI B30.2, ANSI B30.9, ANSI N14.6, and ASME NOG-1 as specified in DCD Tier 2, Section 9.1.5.4. This is identified as COL Action Item 9.1.6.5. In Section 9.1 of the Bellefonte COL application, the applicant proposed adding a paragraph at the end of Section 9.1.5.4 stating that the above requirements are part of the plant inspection program for the overhead heavy load handling system, which is implemented through procedures. In addition to the above inspections, the procedures reflect the manufacturers' recommendations for inspection and the NUREG-0612 recommendations. Please verify that these procedures are established as the COL Information Item (in the DCD Revision16) and STD COL 9.1-5 (in the COLA) address and are currently available for NRC inspection, or provide a description of what procedures will be implemented to ensure satisfactory inservice inspection of overhead heavy load handling equipment and the schedule in relation to fuel loading for issuance of the procedures and describe how this action will be tracked to ensure completion of the COL Information Item.