

Davis-BesseNPEm Resource

From: CuadradoDeJesus, Samuel
Sent: Tuesday, July 19, 2011 4:08 PM
To: 'custer@firstenergycorp.com'
Cc: 'dorts@firstenergycorp.com'; Collins, Jay
Subject: Davis Besse Draft RAI B.2.28-1
Attachments: JCollins RAI B.2.28-1.docx

Cliff:

Attached is an upcoming RAI on the Nickel-Alloy Management Program. Let me know if you have any question.

Regards,

Samuel Cuadrado de Jesús

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REQUEST FOR ADDITIONAL INFORMATION
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FIRSTENERGY NUCLEAR OPERATING COMPANY
DAVIS-BESSE NUCLEAR POWER STATION
DOCKET NO. 50-346

LRA Section B.2.28 describes the existing Nickel-Alloy Management Program as plant-specific. The applicant states that their program manages primary water stress corrosion cracking for nickel-alloy pressure boundary components, other than reactor vessel closure head nozzles and steam generator tubes, exposed to reactor coolant. The applicant notes that NUREG-1801 Rev. 1, Section XI.M11, "Nickel-Alloy Nozzles and Penetrations," does not contain program elements. The staff notes that in NUREG-1801 Rev. 2, Section XI.M11B "Cracking of Nickel-Alloy Components and Loss of Material Due to Boric Acid-Induced Corrosion in Reactor Coolant Pressure Boundary Components," a guideline for existing requirements has been defined for this aging management program.

The staff reviewed program elements one through six of the applicant's program against the acceptance criteria for the corresponding elements as stated in SRP-LR Section A.1.2.3, and has determined that the following information is needed in order to complete its review of the applicants aging management program.

RAI-1: On June 21, 2011, the NRC published a final rule, NRC-2008-0554, which, in part, established new requirements, under 10 CFR 50.55a(g)(6)(ii)(F), for the inspection of American Society of Mechanical Engineer's Boiler and Pressure Vessel (ASME) Code Class 1 nickel-alloy butt welds in the reactor coolant pressure boundary.

NRC staff requests that the applicant confirms incorporation of the requirements of 10 CFR 50.55a(g)(6)(ii)(F), which implements ASME Code Case N-770-1, with certain conditions, into the applicant's Nickel-Alloy Management Program.