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Craver, Patti

From: Lobel, Richard
Sent: Thursday, October 22, 2009 1:16 PM
To: Craver, Patti
Cc: Dennig, Robert
Subject: FW: Crystal River Containment Crack
Attachments: CR containment crack.jpg

For FOIA 2010-0010

From: Dennig, Robert NRR
Sent: Thursday, October 08, 2009 8:15 AM
To: Bettle, Jerome; Heida, Bruce; Karipineni, Nageswara; Lee, Brian; Lobel, Richard; Raval, Janak; Sallman, Ahsan; Walker, Harold
Subject: FW: Crystal River Containment Crack

FYI. Has this been getting much attention?

From: Paige, Jason NRR
Sent: Monday, October 05, 2009 11:33 AM
To: Mendiola, Anthony; Dennig, Robert; Chan, Terence; Taylor, Robert
Cc: Brown, Eva; Boyce, Tom (NRR); Saba, Farideh; Giitter, Joseph; Howe, Allen; Nelson, Robert
Subject: FW: Crystal River Containment Crack

FYI: See initial email below.

Additional Information and path Forward

From speaking to the licensee, the crack runs vertically, located between the horizontal hoop tendons in containment. Originally CR was planning on cutting out a section 26' by 26' but they are not sure if this will encompass the entire affected area. In 2005, CR passed its integrated leak rate test but noticed that tendons in the affected area had relaxed (indication of an issue) so they retensioned the tendons.

As a precaution, the worst case scenario after CR performs a root cause and operability analysis of containment is that they do not meet their code requirements as stated in their FSAR and will need to submit a license amendment. I'm assuming since they potentially will have to report this issue by October 15th, they will not know if they need a LAR until that date. CRs total outage is scheduled until December 18th but because of numerous issues they have encountered they are 5 to 6 shifts behind in schedule.

Jason

From: Paige, Jason
Sent: Monday, October 05, 2009 10:33 AM
To: Boyce, Tom (NRR); Giitter, Joseph; Howe, Allen; Nelson, Robert
Cc: Saba, Farideh; Brown, Eva
Subject: Crystal River Containment Crack

On Friday, Crystal River was performing hydro demolition to support steam generator removal and replacement activities (the equipment hatch is too small to remove the SGs). From performing the demolition, water was coming out of containment from a crack about 2.5 feet long (see picture). CR has a Design Containment Specialist performing a root cause investigation and identifying necessary future actions by CR to

determine if containment will be operable. Currently, CR is in mode 6 so they are not in any tech spec (no action needed by DORL). Before CR can come up in power, they have to perform an analysis of why crack is ok or repair the crack. Also, CR has to demonstrate that containment will be able to support the heavy loads of the attached SG removal equipment and SGs.

Once more information is available, I will forward to you.

Jason Paige, Turkey Point Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation
US Nuclear Regulatory Commission
Phone: (301) 415-5888