Sykes, Marvin

From: Khanna, Meena NRR
Sent: Thursday, October 08, 2009 6:26 PM
To: Grobe, Jack; Hiland, Patrick; Skeen, David
Cc: Reyes, Luis; Mallett, Bruce; Ruland, William; Orders, William; Munday, Joel; Holian, Brian; Lee, Samuel; Hipschman, Thomas; Joseph, Stacy; Howe, Allen; Nelson, Robert; Ashar, Hansraj; Farzam, Farhad; Thomas, George; Kuntz, Robert; Dennig, Robert; Boyce, Tom (NRR); Paige, Jason; Brown, Eva; Wert, Leonard; Sykes, Marvin; Franke, Mark; Burnell, Scott; Diaz-Toro, Diana; Trocine, Leigh
Subject: Summary of Meeting with Chairman Jaczko - Crystal River 3 Containment Delamination Issue
Attachments: Summary - Delamination Chairman Brief (2).doc

Attached is a summary of the meeting that we held with Chairman Jaczko regarding the Crystal River Unit 3 containment delamination issue.

Thanks,

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Meeting with Chairman Jaczko on Delamination of Containment Domes

Date: Thursday, October 8, 2009
Time: 11:00 a.m
Attendees: Chairman Jaczko, Tom Hipschman, Michael Marshall, Kamal Manoly, Meena Khanna, Hans Ashar, Farhad Farzam

On Thursday, October 8, 2009, DE and DLR staff met with Chairman Jaczko and his staff to provide the Chairman with background information concerning containment delamination/degradation, in advance of his trip to Crystal River on Friday, October 9.

The staff provided a general description of the design of a post-tensioned reinforced concrete containment with steel liner, and used containment drawings to describe the containment and the associated buttresses. The staff also explained that there are approximately 35 pre-stressed containments in the U.S.

Chairman Jaczko asked for an explanation of "delamination," and if concrete delamination has been identified in containment buildings at other plants. The staff defined delamination, and indicated that concrete delamination has previously been identified at the Crystal River, Unit 3 and Turkey Point containments. The staff also provided a brief discussion of the root cause analyses and corrective actions for both prior occurrences.

Chairman Jaczko asked why the Commission should not currently be pursing this as a generic issue. The staff indicated that this is the first time we have heard of this problem being identified when cutting steam generator temporary construction openings, and until the licensee completes the root cause analysis, we do not have enough information to determine if this is a generic concern. We concluded the meeting by indicating that NRR/DE would provide technical support to Region II to address this issue, and that we will participate in the Special Inspection Team being dispatched to the site next week.

Action Item: Chairman Jaczko requested a list of all plants that have undergone steam generator replacements that required temporary containment construction openings, with a list of the containment type. NRR/DE and DORL is currently collecting the information, and will provide it to the Chairman ASAP.

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