Monninger, John

From: Hipschman, Thomas
Sent: Thursday, October 08, 2009 2:50 PM
To: Monninger, John; Batkin, Joshua; Coggins, Angela; Marshall, Michael
Subject: More info in Crystal River

Note the last paragraph on the notification.

1. Crystal River - Crack on Exterior Containment Wall (10/5) - Update 0/6

Outside of Scope

Containment Hydro-demolition of concrete was completed. Licensee is planning to perform a modification to support an outside lift system as a result of cracks identified in concrete. A root cause investigation is in progress. Sargent and Lundy is involved with the investigation and corrective actions. An NRC/Licensee conference call to discuss the containment issues and licensee actions is scheduled for today at 15:00.
The concrete around the containment liner is nominally 42 inches thick. The cracks (see linked pictures in PITA CR Containment Pic1 10-8.jpg; CR Containment Pic 2 10-8.jpg; CR Containment Pic 3 10-8.jpg - **treat these pictures as Official Use Only**) are located in the area of the horizontal tendons, leaving at least 30 inches of concrete between the containment liner and the crack. The licensee analysis is continuing with the assumption that the crack is around the entire 360 degree circumference, and the full height of the structure is affected.
Region has determined that the designer of the CR containment (Gilbert Associates) also designed the containments at VC Summer, Perry, TMI and Ginna. Region II has confirmed that VC Summer has been in contact with CR to discuss this issue. Region II has alerted Regions I and III. (NOTE: VC Summer confirmed that they did NOT have to cut a hole in containment to perform a steam generator replacement in the past. Ginna performed a SG replacement in the 1990s where containment was cut, and TMI has an upcoming refueling outage where SGs will be replaced.)
The region plans on performing a special inspection at Crystal River, regarding the containment crack, tentatively starting on Monday, October 12, 2009.
Yesterday the licensee made a voluntary notification to the NRC to describe the containment concrete issues (**EN 45416**).

Thomas Hipschman
Policy Advisor for Reactors
Office of Chairman Gregory B. Jaczko
301-415-1832

A-91