

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

(same picture as yesterday's summary  [Picture 032.jpg](#))

The plant is in mode 6, admin Yellow risk. Head is removed and level is approximately 134.5 feet (6" below RV flange) and 101F. Fuel in vessel with time to boil at 16 minutes. The equipment hatch is closed. Repairs were completed on the NI plate seals. Cavity fill schedule to start tonight at 22:00. Plant risk will remain Yellow until the refueling cavity is filled.

Hydro-demolition for the containment opening continues. Licensee will perform a modification to support outside lift system as a result of the crack identified in concrete. A root cause investigation is in progress. Sargent and Lundy is involved with the investigation and corrective actions, as well as operability and functionality determinations.

The licensee believes that the crack in the concrete on the containment exists all the way around the containment and all the way up and down (360 degrees, full height of containment). This is per site VP discussion with Region II. Crack was found while making an approximately 25 ft X 25 ft concrete cut for the Steam Generator Replacement project. All indications are that the liner is still intact, and there are no indications of liner problems. Crack is about 1/2 inch wide and 10 inches in from outside edge of concrete - running around the containment - located just at the layer of horizontal tendons. Licensee is assessing and evaluating implications (polar crane support, S/G lift device support, as well as operability of containment). NOTE: License Renewal Application received by the NRC on December 18, 2008 for [Crystal River](#) <- click hyper-link to view the status of this application process.

The licensee was contacted by the State of Florida DEP Coordinator and asked whether they were in an unusual event due to contaminated water leaking from a crack in containment. The licensee corrected the misinformation and may contact the local press to inform them of the crack issue to preclude any further misunderstandings. (Pass update to Structural TRG Lead (Goutam Bagchi) and Containment TRG Lead (Brian Lee). Pass to License Renewal Points of Contact (Samson Lee, Jerry Dozier and James Medoff) and to OPA (Scott Burnell). Assigned to Bob Bernardo).

This item has also been screened in as an Issue for Resolution (IFR), IOEB contact: Bob Bernardo.