John Richmond

From: Timothy OHara , RI
Sent: Sunday, November 02, 2008 11:55 PM
To: John Richmond; John White; Richard Conte; Paul Kaufman
Subject: RE: OC LRI Daily Update Oct 31

John & All,

(1) SB floor cracking: You may want to ask why they didn't identify the correct cause in 2006.

(2) Coating imperfections: I entered Bays 5, 1, 11, and 13. I was not (and did not intend to) performing a VT-1 inspection. The VT-1 is supposed to be completed by Amergen - then we review the results. I don't think we should be performing the inspection for Amergen. Recall that Amergen had not completed any VT data sheets as of the end of the day on Thursday, 10/31/08.

I did discuss this issue with John White this evening. My recommendations are:
(a) Amergen should document the coating imperfections and have engineering disposition them. It could be just a coating defect or it could be due to actual corrosion on the drywell shell beneath the coating. There is an approved coating repair procedure.
(b) assuming that engineering says to repair the coating, they should remove the coating, in the affected area(s) to check for possible ongoing corrosion on the outside of the drywell, remove any corrosion if present, do a UT thickness measurement of the drywell shell in the affected area, decide what caused the corrosion and remove the cause, then recoat the repaired area. This should be repeated in all identified areas.
(C) I would assume that this imperfection was not present or visible in 2006, however, Amergen should tell us why it wasn't discovered in 2006.

Tim OHara
[(b)(6)]

Ex. 6

From: John Richmond
Sent: Sunday, November 02, 2008 2:02 PM
To: Timothy OHara
Cc: John White; Richard Conte
Subject: RE: OC LRI Daily Update Oct 31

They have an IR on the floor cracking. Chris Hawkins and a GE NDE tech said that, in one bay there were no visible floor cracks during the initial inspection, and then later after an additional entry, they found a "new" crack. The current belief is that there may be voids between the cement floor and the floor epoxy coating. There were also cracks in the moisture barrier seal, between the floor and the liner. They plan to rework all of the cracks.

On a second topic ... Pinhole Carbunkle, described below, was in Bay-11. One of the Bays you were in. It was partially visible from the opening, without going in all the way. Of course, knowing it was there in advance, did help to find it. More to follow, later today.

From: Timothy OHara
Sent: Sunday, November 02, 2008 12:52 PM
To: John Richmond
Cc: John White
Subject: RE: OC LRI Daily Update Oct 31

John,

FYI.

The cracked floor in the sandbed is important because if water were to enter that sandbed it might not be directed to the sandbed drains and away from the exterior of the drywell.

Also, there were cracks in the sandbed floors in 2006. A few suggested questions to the licensee: (1) why are the cracks re-occurring? (2) what was the cause determined in 2006 and why weren't all sandbeds fixed so it wouldn't continue to happen?

Tim

From: John Richmond
Sent: Friday, October 31, 2008 8:21 PM
To: Richard Conte; Darrell Roberts; Ronald Bellamy; David Pelton
Cc: Jeffrey Kulp; Stephen Pindale; Michael Modes; Glenn Meyer; Marjorie McLaughlin; Justin Heinly; Timothy OHara; Diane Screnci; Joseph Schoppy
Subject: OC LRI Daily Update Oct 31

OC LRI Outage Commitments Inspection
Day 5

Drywell Structural Integrity Issues or Concerns

1) One sandbed bay (exterior drywell shell), appears to have a coating defect. Preliminary info is based on a verbal report, given to me during an impromptu status update, from the Exelon NDE Level-III Technical Lead for sandbed NDE. One bay had a pinhole in the drywell shell coating with some "bleed through" that was "rust colored." The NDE Level-III couldn't remember the bay number (there are pictures). I raised the question with Reg Affairs, as to whether this coating defect could be indicative of any "on-going corrosion" beneath the epoxy coating. In parallel with my talking with Reg Affairs, OC engineering got this information at about the same time that I did. Engineering is developing a plan to resolve this issue. Initial thoughts are to excavate the area to identify the cause (e.g., subsurface corrosion) and extend of condition. Plan and time table are TBD.
2) All sandbed bays have been NDE UT and VT examined (NDE examination records not yet prepared). No other potential coating defects were identified. Some cracks in the floor epoxy sealer and in the moisture barrier seal were identified, and are planned to be reworked. Rework plan and time table are TBD. Four sandbed bays were independently inspected by Tim O'Hara, only floor cracks in one bay were identified. Tim was not in the bay with the coating defect.

Inspection Progress

1) Progress remains Slow. Drywell NDE activities still behind schedule.
2) If AmerGen doesn't have sufficient NDE data available for review by COB Monday, I will probably reschedule the Exit.

Inspection Schedule

1) Currently plan to work Sunday. Have arranged for a telephone update tomorrow (Saturday) on sandbed coating defect. Am available to come in on Saturday, if needed.
2) Paul Kaufman will be on-site Monday to assist.

Today's Inspection Activities

1) Verified daily leakage checks on sandbed bay drain lines [no leakage] and cavity trough drain line [about as 1/8 inch stream]. Administrative limit on cavity trough leakage is < 12 gpm.
2) Inspected portions of a cable test. Nothing noteworthy.

[(b)(5)] EX-5

(b)(5)

EX. 5

NJ State Interface
Remains Good. Rich Pinney seems very satisfied.

Team Location: OCAB 2nd Floor, Visiting Exec Office, 609-9714830

Received: from R1CLSTR01.nrc.gov ([148.184.99.7]) by R1MS01.nrc.gov
([148.184.99.10]) with mapi; Sun, 2 Nov 2008 23:54:33 -0500
Content-Type: application/ms-tnef; name="winmail.dat"
Content-Transfer-Encoding: binary
From: Timothy OHara <Timothy.OHara@nrc.gov>
To: John Richmond <John.Richmond@nrc.gov>, John White <John.White@nrc.gov>,
Richard Conte <Richard.Conte@nrc.gov>, Paul Kaufman
<Paul.Kaufman@nrc.gov>
Date: Sun, 2 Nov 2008 23:54:33 -0500
Subject: RE: OC LRI Daily Update Oct 31
Thread-Topic: OC LRI Daily Update Oct 31
Thread-Index:
Ack4gKEiWwVCl7a9S2m9l7wfCwca0QAyjWwwAGMnHFAAM68PQABbL4SwAAJJiJAA
FDowEA==
Message-ID:
<2856BC46F6A308418F033D973BB0EE72AA43652159@R1CLSTR01.nrc.gov>
References:
<2856BC46F6A308418F033D973BB0EE72AA4363288D@R1CLSTR01.nrc.gov>
<2856BC46F6A308418F033D973BB0EE72AA43632890@R1CLSTR01.nrc.gov>
<2856BC46F6A308418F033D973BB0EE72AA436328A3@R1CLSTR01.nrc.gov>
<2856BC46F6A308418F033D973BB0EE72AA436328AE@R1CLSTR01.nrc.gov>
<2856BC46F6A308418F033D973BB0EE72AA43652158@R1CLSTR01.nrc.gov>
<2856BC46F6A308418F033D973BB0EE72AA436328C1@R1CLSTR01.nrc.gov>
In-Reply-To:
<2856BC46F6A308418F033D973BB0EE72AA436328C1@R1CLSTR01.nrc.gov>
Accept-Language: en-US
Content-Language: en-US
X-MS-Has-Attach:
X-MS-Exchange-Organization-SCL: -1
X-MS-TNEF-Correlator:
<2856BC46F6A308418F033D973BB0EE72AA43652159@R1CLSTR01.nrc.gov>
MIME-Version: 1.0