

John Richmond

From: John Richmond, RI
Sent: Tuesday, September 09, 2008 4:55 PM
To: David Pelton
Cc: Richard Conte
Subject: Oyster Creek LR Outage Commitments Inspection
Attachments: OC Priority Inspection Items_rev-3.doc

Dave, did we agree on 1 PM tomorrow (Wed)?

To facilitate tomorrow's discussion on OC drywell inspection, I've attached my DRAFT inspection task list. The inspection plan has not yet been written or approved.

As a remember, we've been directed to retain all documents & records regarding OC LR, in case a Hearing File is re-opened. That includes e-mails and attachments.

Thanks
John Richmond
610-337-5220

Received: from R1CLSTR01.nrc.gov ([148.184.99.7]) by R1MS01.nrc.gov
([148.184.99.10]) with mapi; Tue, 9 Sep 2008 16:55:08 -0400
Content-Type: application/ms-tnef; name="winmail.dat"
Content-Transfer-Encoding: binary
From: John Richmond <John.Richmond@nrc.gov>
To: David Pelton <David.Pelton@nrc.gov>
CC: Richard Conte <Richard.Conte@nrc.gov>
Date: Tue, 9 Sep 2008 16:55:06 -0400
Subject: Oyster Creek LR Outage Commitments Inspection
Thread-Topic: Oyster Creek LR Outage Commitments Inspection
Thread-Index: AckSvlb0F8eNQa/LQkO5ByS1qKnIDQ==
Message-ID: <2856BC46F6A308418F033D973BB0EE72841EADAC12@R1CLSTR01.nrc.gov>
Accept-Language: en-US
Content-Language: en-US
X-MS-Has-Attach: yes
X-MS-Exchange-Organization-SCL: -1
X-MS-TNEF-Correlator:
<2856BC46F6A308418F033D973BB0EE72841EADAC12@R1CLSTR01.nrc.gov>
MIME-Version: 1.0

Oyster Creek Outage Inspection License Renewal Commitments - IP 71003

Drywell Shell Thickness Verifications

Lower Drywell Shell Internal UT (at Sand Bed Region elevations)

19 Locations inside drywell [IS-328227-004, 3.2.2]
7x7 arrays over a 6"x6" area, and 1x7 arrays, on 1" increments
29 Oct Day Shift, R2096031 [date confirmed by NDE]
Commitment 27, Item (1 & 21)

Lower Drywell Shell External UT (in Sand Bed Bays)

106 UT readings, in the 10 bays (2-shift, 24-hr activities) [IS-328227-004, 3.2.3]
Access through 20" manway (tunnel)
Commitment 27, Item (9, 14, & 21)

- Bay 1 ~28-30 Oct ?? [critical bay, based on previous inspection]
- Bay 3 ~28-30 Oct
- Bay 5 27 Oct
- Bay 7 29 Oct
- Bay 9 28 Oct
- Bay 11 28 Oct ?? [critical bay, based on previous inspection]
- Bay 13 28 Oct ?? [critical bay, based on previous inspection]
- Bay 15 29 Oct
- Bay 17 3 Nov
- Bay 19 ~28-30 Oct

Upper Drywell Shell UT at Elev 71' (knuckle region)

Transition from 2.625" plate to 0.640" plate [IS-328227-004, 3.2.8]
4 locations using a dynamic scan of a 6"x6" area
1 Nov 1700, R2096037
Commitment 27, Item (11)

Lower Drywell Shell UT at Elev 23' (bottom to middle spherical plates)

Transition from 0.770" plate to 1.154" plate [IS-328227-004, 3.2.7]
4 locations using a dynamic scan of a 6"x6" area
Does NOT appear to be scoped into outage
[29 Oct 0600, C2017059 (one-time inspection of 4 butt welds)]
Commitment 27, Item (10)

Upper Drywell Shell UT at Various Elevations

9 locations using a 7x7 array, at elev. 87', 60', 51', and 50' [IS-328227-004, 3.2.1]
Commitment 27, Item (7)

Drywell Floor Inspection Access Trenches

UT & VT in Bay 5 & Bay 17 Trenches [IS-328227-004, 3.2.6]
Remove & reinstall lower 6" of grout at bottom of Bay 5 trench
Inspect caulk sealant (trench edge where concrete meets shell)
Verify no water accumulation
29 Oct 2100, R2117387
Commitment 27, Item (5, 16, & 20)



Oyster Creek Outage Inspection

License Renewal Commitments - IP 71003

Drywell Interior Service Level I Coating

Inspect shell coating inside drywell

29 Oct 0500, R2096685

Commitment 33, Item (1)

Drywell Exterior Service Level II Coating in Sand Bed Bays

VT epoxy coating in each bay (2-shift, 24-hr activities) [IS-328227-004, 3.2.4]

Commitment 27, Item (4 & 21)

Commitment 33

Bay 1	4 Nov
Bay 3	28 Oct
Bay 5	2 Nov
Bay 7	29 Oct
Bay 9	28 Oct
Bay 11	28 Oct
Bay 13	28 Oct
Bay 15	29 Oct
Bay 17	2 Nov
Bay 19	28 Oct

Rx Cavity Concrete Trough Drain

Camera Inspection of Rx cavity drain line for blockage

29 Oct 0300, R2095857

Commitment 27, Item (13)

[how many drain lines??]

Rx Cavity Seal Leakage Trough Drains

Daily leakage check

R2102695

Commitment 27, Item (3)

[how many drain lines??]

Sand Bed Region Drains (5 drain lines)

Daily leakage check

R2102695

Commitment 27, Item (3)

Moisture Barrier Seal between Sand Bed Region Concrete and Embedded Drywell Shell

Inspect seal at junction between concrete and shell [IS-328227-004, 3.2.4.1.4]

?? Oct, ??

Commitment 27, Item (3, 12, & 21)

Moisture Barrier between Drywell Shell and Concrete Floor Curb inside Drywell

Inspect moisture barrier between curb and shell

30 Oct 0600, R2097321

Commitment 27, Item (17)

Oyster Creek Outage Inspection

License Renewal Commitments - IP 71003

Cavity Strippable Coating

prior to flood-up
27 Oct 1500, R2098683
Commitment 27, Item (2)

Isolation Condenser

One-time Inspection of two stainless steel pipe sections in stagnant or low flow area in the Isolation Condenser System, to verify no stress corrosion cracking.
A2184119 (AR/Library)
?? NOT yet scoped into outage
Commitment 24, Item (8)

Isolation Condenser

One-time Inspection UT of "B" Isolation Condenser shell below the waterline, to verify no pitting corrosion and confirm effectiveness of Water Chemistry Program.
?? May have been completed in previous outage
Commitment 24, Item (2)

Feeder Cable to Auxiliary Transformer (Bank 4)

Inaccessible Medium Voltage Cable
Perform power factor test of 4 kV transformer feeder cable
30 Oct 1000, R2026131
Commitment 36

Feeder Cable to Startup Transformer (Bank 6)

Inaccessible Medium Voltage Cable
Power factor test of 4 kV transformer feeder cable
2 Nov 0600, R2033700
Commitment 36

Feeder Cable to P-37-1

Inaccessible Medium Voltage Cable
Hi-Pot feeder cable
29 Oct 0500, R2054006
Commitment 36

Feeder Cable to P-37-5

Inaccessible Medium Voltage Cable
Hi-Pot feeder cable
?? Oct ??, R2059713
Commitment 36

Cable Inspection in Trunion Room

Visually inspect a representative sample of accessible cables and connections located in adverse localized environments, for indications of accelerated insulation aging
26 Oct 0400, R2122597
Commitment 34

Oyster Creek Outage Inspection

License Renewal Commitments - IP 71003

Cable Inspection in Drywell

Visually inspect a representative sample of accessible cables and connections located in adverse localized environments, for indications of accelerated insulation aging

29 Oct 0500, R2122597

Commitment 34

ESW Expansion Joint

Periodic inspection

27 Oct 1400, R2081668

Commitment ??

ESW Buried Piping

Replace previously un-replaced buried ESW piping

?? May have been completed in previous outage

Commitment 63

ESW Intake Structure

Periodic inspection of components submerged in salt water

Structures Monitoring Program, inspect ESW/SW piping & components located under the Deck

NOT yet scoped into outage

NOT yet planned

?? R2120584 ??

Commitment 31 Item (7)

Commitment 32 Item (2)