



August 21, 2023

L-2023-115
10 CFR 50.55a

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555-00001

Re: Turkey Point Unit 3
Docket No. 50-250
Inservice Inspection Program
Owner's Activity Report (OAR-1)

Attached find the Owner's Activity Report (Form OAR-1), for Turkey Point Unit 3 (PTN3 - 33), Fifth Inservice Inspection Interval, Third Period, and IWE Third Interval, Second Period. The Form OAR-1, Owner's Activity Report, implements Code Case N-532-5.

Should there be any questions concerning this report, please contact Kenneth Mack at (561) 904 - 3635.

Sincerely,

A handwritten signature in black ink that reads 'Dianne Strand'.

Dianne Strand
General Manager, Regulatory Affairs
Florida Power & Light Company

Attachment: PTN3-33 Refueling Outage OAR-1 Owner's Activity Report

cc: Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number: ISI PTN3-33 2023

Plant: Turkey Point Nuclear Power Plant Unit 3
9760 SW 344th Street
Homestead, Florida 33035

Commercial Service Date: December 14, 1972 Refueling Outage No.: PTN 3-33

Current Inspection Interval: ISI-Fifth IWE-Third

Current Inspection Period: ISI-Third Period and IWE-Second Period

Edition and Addenda of Section XI applicable to the inspection plans: ISI Fifth Interval-2007 Edition through the 2008 Addend and IWE Third Interval-2007 Edition through the 2008 Addenda.


Date and Revision of Inspection Plans: ISI Fifth Interval Effective-July 28, 2023 Rev.3 and IWE Third Interval Effective July 15, 2018, Rev.0

Edition and Addenda of Section XI applicable to repairs and replacements, if different than the inspection plan: Same

Code Cases Used: N-532-5, N-731, N-729-6

CERTIFICATE OF CONFORMANCE

I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of PTN3-33 conform to the requirements of Section XI.

Signed  Site Program Manager Date 08/15/2023
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by the Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the items described in this Owner's Activity Report, and state that, to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair/replacement activities and evaluation described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

 Commissions NB 15648 I, N, R
Inspector's Signature National Board Number and Endorsement

Date 16Aug2023

FORM OAR-1 OWNER'S ACTIVITY REPORT

TABLE 1 ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE		
Examination Category and Item Number	Item Description	Evaluation Description
E-A E1.11	Liner	AR02456070 Description Identified Boric acid was observed on the Reactor Sump liner walls. The conditions observed, while rejectable, did not appear as fresh active boric acid and exhibited no apparent significant change from the previous observation. Evaluation The quarter-inch thick plate had no signs of pitting or wastage, the liner has maintained complete integrity as per the original design. These areas are a source of borated water in the reactor pit area from the upper past cavity seal ring and floor when the cavity is flooded. There are currently no indications /conditions that would appear to challenge the containment structural integrity of the structural integrity/leak tightness of the containment liner boundary during Modes 1-4 Conclusion WO 40801001-01 has been created to clean and coat deficient locations as required. This shall be implemented during PTN3-34 Refueling Outage.

FORM OAR-1 OWNER'S ACTIVITY REPORT

TABLE 1 ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE		
Examination Category and Item Number	Item Description	Evaluation Description
F-A F1.30	CCW Head Tank	AR02455047 Description Identified The following recordable indications and discrepancies were observed while performing an ASME Section XI VT-3 on the CCW Head Tank 3T216. 1) Corrosion was served on the bottom support lower nuts, 2) Multiple gaps were observed between the support plate and embedded baseplate where caulking has degraded, and 3) discrepancy was identified on the as-built drawing. An approximately 3/8" gap was observed on the lower support (North end), where a weld was required by drawing. Evaluation The corrosion identified on the lower nuts appears to be surface corrosion. It will not affect the ability of the bolt to transfer tension or reduce the shear capacity of the bolt. The bolts are fully engaged with adequate thread engagement. The bolts described are in place to fasten a 1"X11" Bent Plate. Per Drawing 5613-M-450-105 SH. 3, there are a quantity of 8 bolts installed on this plate. Due to the rigidity of the plate, the tension acting on the nuts and bolts is evenly distributed. As such, there is redundancy and margin in the case of a single nut should fail. However, this is not a likely possibility in the near term as the corrosion is minimal at this time. Conclusion The CCW Head Tank 3T216 can meet its design basis functions, and the conditions described are not a personnel safety concern at this time. However, changing the identified corroded bolts and installing weldment as required in the design drawing is recommended.

FORM OAR-1 OWNER'S ACTIVITY REPORT

TABLE 2				
ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE				
Code Class	Item Description	Description Of Work	Date Completed	Repair/Replacement Plan Number
1	RV-3-551A	Replaced Valve	4/16/2023	RR40805683
1	RV-3-551B	Replaced Valve	4/16/2023	RR40805684
1	RV-3-551C	Replaced Valve	4/16/2023	RR40805685
1	Pump 3P200	Replaced Bolting and Rotor	4/24/2023	RR40808611
1	Seal Table L-4 and L-5	Replaced Fitting	4/23/2023	RR40876697
1	Seal Table H-6	Replaced Fitting and Conduit	4/26/2023	RR40876705
2	FE-3-127	Replaced Bolting	4/25/2023	RR40625114
2	CV-3-2900	Replaced Bolting	4/23/2023	RR40805631
2	RV-3-1403	Replaced Valve	4/15/2023	RR4080725

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TABLE 2				
ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE				
Code Class	Item Description	Description Of Work	Date Completed	Repair/Replacement Plan Number
2	3S8A	Replaced Valve	4/28/2023	RR40878425
3	Pump 3P209	Replaced Pump	3/17/2023	RR40775600
3	RV-3-1425	Replaced Valve	4/24/2023	RR40805678
3	RV-3-707	Replaced Valve	4/20/2023	RR40805686
3	3-50-311	Replaced Valve, Expansion Joint, Elbow and Bolting	4/28/2023	RR40811955
3	3-50-331	Replaced Valve, Expansion Joint, Elbow and Bolting	4/26/2023	RR40811957
3	Pump 3P9B	Replaced Pump	4/27/2023	RR40819269
3	Pump 3P9C	Replaced Bolting	4/27/2023	RR40832739