Exelon Generation

James A. FitzPatrick NPP
P.O. Box 110
Lycoming, NY 13093
Tel 315-342-3840

William C. Drews
Regulatory Assurance Manager – JAF

JAFP-19-0004
January 4, 2019

United States Nuclear Regulatory Commission
Attn: Document Control Dek
Washington, D.C. 20555

James A. FitzPatrick Nuclear Power Plant
Renewed Facility Operating License No. DPR-59
NRC Docket No. 50-333

Subject: Inservice Inspection Summary Report Cycle 23

Reference:
1) Entergy letter, Fourth Interval Inservice Inspection Program Plan, JAFP-07-0030, dated February 27, 2007
2) Exelon letter, Fifth Ten-Year Inservice Inspection Interval Program Plan, JAFP-18-0113, dated December 17, 2018

Dear Sir or Madam:

This letter submits the James A. FitzPatrick Nuclear Power Plant (JAF) Owner's Activity Report, Third Period, Fourth Interval and First Period, Fifth Interval which contains a summary of the Inservice Inspection (ISI) examinations conducted during the plant's 2018 Refuel Outage 23 (FP1R23).

Table 1 of the enclosed report summarizes the items with flaws or relevant indications that required evaluation for continued service and Table 2 provides an abstract of repair/replacement activities required for continued service.

This report is being submitted in accordance with JAF's approved Fourth Interval Inservice Inspection Program Plan [Reference 1] and Fifth Interval Inservice Inspection Program Plan [Reference 2].

There are no new regulatory commitments contained in this letter. If you have any questions in this regard, please contact Mr. Michael Faivus, Programs Engineering Branch Manager, at (315) 349-1895.

Very truly yours,

William C. Drews
Regulatory Assurance Manager
WCD/mh

Enclosure: JAF Owner's Activity Report (OAR) First Period, Fifth Interval
cc: NRC Region 1 Administrator
NRC Project Directorate
NRC Resident Inspector
NYSERDA

JAFP-19-0004

ENCLOSURE

JAF Owner's Activity Report (OAR)
First Period, Fifth Interval
(4 Pages)

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number FP1R23

Plant James A. FitzPatrick Nuclear Power Plant, 268 Lake Rd., Lycoming, New York 13093

Plant Unit 1 (if applicable) Commercial Service Date July 28, 1975 Refueling Outage Number R23

Current Inspection Interval: Fifth (1st, 2nd, 3rd, 4th, Other)

Current Inspection Period: First (1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the Inspection Plan: 2001 Edition, 2003 Addenda from February 24, 2017 to July 31, 2017 and 2007 Edition, 2008 Addenda from August 1, 2017 to present.

Date and Revision of Inspection Plan: SEP-ISI-007, Revision 9, July 19, 2017 for the Fourth ISI Interval and ER-JF-330-1001, Rev. 1, November 30, 2018 for the Fifth ISI Interval

Edition and Addenda of ASME Section XI applicable to Repairs and Replacements, if different than the Inspection Plan: Same

Code Cases used: N-460, N-513-4, N-532-5, N-552-1, N-578-1 N-613-2, N-639, N-648-1, N-663, N-695, N-702, N-716-1, N-747, N-798, N-800, N-823, N-845 (if applicable)

CERTIFICATE OF CONFORMANCE

I certify that (a) statements made in this report are correct; (b) the examination 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 R23 (refueling outage number) conform to the requirements of Section XI.

Signed _____ Date 1/4/2019
Owner or Owner's Designee, Title Engineer

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of New York and employed by The Hartford Steam Boiler Inspection and Insurance Company of Hartford, CT 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 evaluations 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 a loss of any kind arising from or connected with this inspection.

_____ Commissions 16158 ANIR NY5570
Inspector's Signature National Board, State, Province, and Endorsements

Date 1/4/19

Table 1: Items with Flaws or Relevant Conditions That Required Evaluation for Continued Service		
Examination Category and Item Number	Item Description	Evaluation Description
D-B/D2.10	Through-wall leak on line 15-3-WES-151-136	IR 4138318 – Through wall leak on ESW Line 3-WES-151-136 ASME Section XI Code Case N-513-4 was employed and concluded the flaw was caused by MIC. The section of pipe was replaced online. Extent-of-condition examinations were performed on 5 comparable locations and were completed satisfactorily.
D-B/D2.10	Low Reading on Supply/Return Piping to 66UC-22F	IR 4101455 – Low reading on supply/return piping to 66UC-22F. EC 623104 was developed to evaluate the wall thickness. The evaluation concluded the wall thicknesses to be acceptable.
D-B/D2.10	UT Readings Below Min Wall Acceptance Criteria for 66UC-22C	IR 4104026 – UT readings below min wall acceptance criteria EC 623104 was developed to evaluate the wall thickness of the supply and return lines to 66UC-22C. The evaluation concluded the wall thicknesses to be acceptable.
F-A/F1.10c	10-1-AS-210 Variable Spring Support missing load indicator scale	IR 4175079 – ISI IWF Exam – Missing Load Indicator Scale. An engineering evaluation was performed and attached to the IR as follows: "10-1-AS-210 is one of two identical BP VSIC spring cans (10-1-AS-210 and 10-1-AS-211) that constitute hanger PFSK-4644. 10-1-AS-210 is missing the load indicator plate. 10-1-AS-211 is the other spring can that has the load indicator the distance from the top can to the spring coil. A ruler was placed on the can to obtain the distance. The picture of the 10-1-AS-210 shows a distance of 1.18 inches. The picture of the 10-1-AS-211 shows a distance of 1.30 inches. The difference between those two readings is 10%. The tolerance per EC 9000067222 is 15%. Additionally, the photos were taken from different angles, the position of the rulers is different, it seems to protrude more for 10-1-AS-211, giving the impression that the reading is 1.3", were the pictures taken (from the same angle) level with opening, the measurement might be closer or even the same. Based on the above, it is concluded that 10-1-AS-210 is acceptable."
F-A/F1.20sc	Non-Safety Related snubber installed at location 10-8A-HS-35A	IR 4161492 documented the installation of a non-safety related snubber installed. EC 625064 was performed to evaluate the snubber was acceptable to be installed.
F-A/F1.40	ISI Examination Results for Pump Support 46P-2A	IR 4174140 – ISI Examination Results for Pump Support 46P-2A. Corrosion was noted on the support wall ID. EC 9000048172 documents UT results from 2013. A PM (PMRQ # 00339914) was

		generated to perform a UT within 10 years, based on the results of the EC. Work Order 81182753 is approved for the completion of the next UT, to be completed prior to 12/15/2023.

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	12-1-HS-20	Replace broken snubber 12-1-HS-20	9/25/2018	18-138
1	12-1-HS-19	Replace broken snubber 12-1-HS-19	9/27/2018	18-060
1	12-1-HS-18	Replace broken snubber 12-1-HS-18	9/19/2018	18-137
1	02-2-1A-AN-21	Replace missing hex nut on 02-2-1A-AN-21	9/29/2018	18-145
2	10-8A-HS-35A	Replace Non-SR snubber with SR snubber	8/13/2018	18-149
3	70PCV-100B2	Replace 70PCV-100B2	4/10/2017	17-015
3	Piping Upstream of 46SWS-120E	Replace piping upstream of 46SWS-120E	4/13/2017	17-017
3	67UC-16A	Replace 67UC-16A coils	11/29/2017	17-026
3	46EXJ-10D	Replace 46EXJ-10D expansion joint	9/27/2018	17-021
3	66UC-22E	Repair covers on 66UC-22E	12/1/2017	17-027
3	66UC-22H	Replace 66UC-22H Coils	11/17/2017	17-036
3	66UC-22C	Replace 66UC-22C Coils	2/22/2018	17-034
3	67UC-16B	Replace 67UC-16B Coils	3/20/2017	17-012
3	10P-1C	Replace degraded bolts on 10P-1C casing	9/29/2018	18-144
3	10P-1A	Replace degraded bolts on 10P-1A casing	9/28/2018	18-143
3	46EXJ-10A	Replace 46EXJ-10A Expansion Joint	2/20/2018	17-020