UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
2100 RENAISSANCE BLVD., SUITE 100
KING OF PRUSSIA, PA 19406-2713

May 5, 2016

Mr. Bryan C. Hanson
Senior Vice President, Exelon Generation Company, LLC
President and Chief Nuclear Officer, Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: R.E. GINNA NUCLEAR POWER PLANT, LLC – PROBLEM IDENTIFICATION AND RESOLUTION INSPECTION REPORT 05000244/2016008

Dear Mr. Hanson:

On March 31, 2016, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at your R.E. Ginna Nuclear Power Plant, LLC (Ginna). The enclosed report documents the inspection results, which were discussed on March 31, 2016, with Mr. William Carsky, Plant General Manager, and other members of the Ginna staff.

This inspection examined activities conducted under your license as they relate to identification and resolution of problems and compliance with the Commission's rules and regulations and conditions of your license. Within these areas, the inspection involved examination of selected procedures and representative records, observations of activities, and interviews with personnel.

Based on the samples selected for review, the inspection team concluded that Exelon Generation Company, LLC (Exelon) was generally effective in identifying, evaluating, and resolving problems. Exelon personnel identified problems and entered them into the corrective action program at a low threshold. Exelon prioritized and evaluated issues commensurate with the safety significance of the problems and corrective actions were generally implemented in a timely manner.

No NRC-identified or self-revealing findings were identified during this inspection.

In accordance with Title 10 of the *Code of Federal Regulations* 2.390 of the NRCs "Rules of Practice," a copy of this letter, its enclosure, and your response (if any) will be available electronically for public inspection in the NRC's Public Document Room or from the Publicly Available Records component of the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room).

Sincerely,

/RA/

Anthony Dimitriadis, Chief
Reactor Projects Branch 1
Division of Reactor Projects

Docket No. 50-244
License No. DPR-18

Enclosure:
Inspection Report 05000244/2016008
w/Attachment: Supplementary Information

cc w/encl: Distribution via ListServ

In accordance with Title 10 of the *Code of Federal Regulations* 2.390 of the NRCs "Rules of Practice," a copy of this letter, its enclosure, and your response (if any) will be available electronically for public inspection in the NRC's Public Document Room or from the Publicly Available Records component of the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room).

Sincerely,

/RA/

Anthony Dimitriadis, Chief
Reactor Projects Branch 1
Division of Reactor Projects

Docket No. 50-244
License No. DPR-18

Enclosure:
Inspection Report 05000244/2016008
w/Attachment: Supplementary Information

cc w/encl: Distribution via ListServ

DISTRIBUTION: (via email)
DLew, RA
SFlanders, DRA
MScott, DRP
DPelton, DRP
RLorson, DRS
BSmith, DRS
ADimitriadis, DRP
ARosebrook, DRP
ASiwy, DRP
NPerry, DRP, SRI
JPetch, DRP, RI
MRose, DRP, AA
JBowen, RI OEDO
RidsNrrPMREGinna Resource
RidsNrrDorlLpl1-1 Resource
ROPreportsResource
MFerdas, DRP

DOCUMENT NAME: G:\DRP\BRANCH1\Ginna\Reports\Ginna PI&R 2016008\GIN 2016-008.docx
ADAMS ACCESSION NUMBER: ML16126A297

☑ SUNSI Review		☑ Non-Sensitive ☐ Sensitive		☑ Publicly Available ☐ Non-Publicly Available	
OFFICE	RI/DRP	RI/DRP	RI/DRP		
NAME	KKolaczyk per email	MFerdas per email	ADimitriadis		
DATE	4/28/16	4/26/16	5/5/16		

OFFICIAL RECORD COPY

U.S. NUCLEAR REGULATORY COMMISSION

REGION I

Docket No.	50-244
License No.	DPR-18
Report No.	05000244/2016008
Licensee:	Exelon Generation Company, LLC (Exelon)
Facility:	R.E. Ginna Nuclear Power Plant, LLC (Ginna)
Location:	Ontario, New York
Date:	March 14, 2016, through March 31, 2016
Team Leader:	K. Kolaczyk, Senior Resident Inspector
Inspectors:	J. Petch, Resident Inspector J. Pfingsten, Project Engineer K. Reid, Project Engineer
Approved by:	Anthony Dimitriadis, Chief Reactor Projects Branch 1 Division of Reactor Projects

SUMMARY

Inspection Report 05000244/2016008; 03/14/2016 – 03/31/2016; Ginna; Biennial Baseline Inspection of Problem Identification and Resolution.

This U.S. Nuclear Regulatory Commission (NRC) team inspection was performed by two regional inspectors and two resident inspectors. No findings were identified. The NRC's program for overseeing the safe operation of commercial nuclear power reactors is described in NUREG-1649, "Reactor Oversight Process," Revision 5.

Problem Identification and Resolution

The inspectors concluded that Exelon was effective in identifying, evaluating, and resolving problems. Exelon personnel identified problems, entered them into the corrective action program (CAP) at a low threshold, and prioritized issues commensurate with their safety significance. In most cases, Exelon appropriately screened issues for operability and reportability and performed causal analyses that appropriately considered extent-of-condition, generic issues, and previous occurrences. The inspectors also determined that Exelon typically implemented corrective actions to address the problems identified in the CAP in a timely manner.

The inspectors concluded that, in general, Exelon adequately identified, reviewed, and applied relevant industry operating experience to Ginna's operations. In addition, based on those items selected for review, the inspectors determined that Exelon's self-assessments and audits were thorough.

Based on the interviews the inspectors conducted over the course of the inspection, observations of plant activities, and reviews of individual CAP and employee concerns program issues, the inspectors did not identify any indications that site personnel were unwilling to raise safety issues nor did they identify any conditions that could have had a negative impact on the site's safety.

REPORT DETAILS

4. OTHER ACTIVITIES

4OA2 Problem Identification and Resolution (71152B – 1 sample)

This inspection constitutes one biennial sample of problem identification and resolution as defined by Inspection Procedure 71152. Documents reviewed during this inspection are listed in the Attachment.

.1 Assessment of Corrective Action Program Effectiveness

a. Inspection Scope

The inspectors reviewed the procedures that described the Corrective Action Program (CAP) at Ginna. Since the last U.S. Nuclear Regulatory Commission (NRC) biennial problem identification and resolution inspection completed in March 2014, Ginna's management transitioned from Constellation Energy Nuclear Group, LLC (CENG) to Exelon. The transition, which occurred on April 1, 2014, resulted in the review of program effectiveness under two separate sets of program procedures and program processes. To assess the effectiveness of the CAP, the inspectors reviewed performance in three primary areas: (1) problem identification, (2) prioritization and evaluation of issues, and (3) corrective action implementation. The inspectors compared performance in these areas to the requirements and standards contained in Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50, Appendix B, Criterion XVI, "Corrective Action;" Exelon procedure PI-AA-125, "Corrective Action Program (CAP) Procedure," Revision 3; and CENG procedure CNG-CA-1.01-1000, "Corrective Action Program (CAP)," Revision 01100.

For each of these areas, the inspectors considered risk insights from the station's risk analysis and reviewed CENG condition reports (CRs) and Exelon issue reports (IRs) selected across the seven cornerstones of safety in the NRC's Reactor Oversight Process. Additionally, the inspectors attended multiple Station Ownership Committee (SOC), Management Review Committee (MRC), and plant production meetings. The inspectors selected items from the following functional areas for review: engineering, operations, maintenance, emergency preparedness, radiation protection, chemistry, physical security, nuclear oversight, and the CAP.

Effectiveness of Problem Identification

In addition to the items described above, the inspectors reviewed system health reports, a sample of completed corrective and preventive maintenance work orders, completed surveillance test procedures, operator logs, and periodic trend reports. The inspectors also completed field walkdowns of various systems onsite, including the feed and condensate, charging, and standby auxiliary feedwater (SAFW) systems. During the system walkdown, plant structures were also examined. Additionally, the inspectors reviewed a sample of IRs written to document issues identified through internal

self-assessments, audits, emergency preparedness drills, and the operating experience program. The inspectors completed this review to verify that Exelon staff entered conditions adverse to quality into its CAP as appropriate.

Effectiveness of Prioritization and Evaluation of Issues

The inspectors reviewed the evaluation and prioritization of a sample of CRs and IRs issued since the last NRC biennial problem identification and resolution inspection completed in March 2014. The inspectors also reviewed IRs that were assigned lower levels of significance that did not include formal cause evaluations to ensure that they were properly classified. The inspectors' review included the appropriateness of the assigned significance, the scope and depth of the causal analysis, and the timeliness of resolution. The inspectors assessed whether the evaluations identified likely causes for the issues and developed appropriate corrective actions to address the identified causes. Further, the inspectors reviewed equipment operability determinations, reportability assessments, and extent-of-condition reviews for selected problems to verify these processes adequately addressed equipment operability, reporting of issues to the NRC, and the extent of the issues.

Effectiveness of Corrective Actions

The inspectors reviewed Exelon's completed corrective actions through documentation review and, in some cases, field walkdowns to determine whether the actions addressed the identified causes of the problems. The inspectors also reviewed IRs for adverse trends and repetitive problems to determine whether corrective actions were effective in addressing the broader issues. The inspectors reviewed Exelon's timeliness in implementing corrective actions and effectiveness in precluding recurrence for significant conditions adverse to quality. The inspectors also reviewed a sample of IRs associated with selected non-cited violations (NCVs) and findings to verify that Exelon personnel properly evaluated and resolved these issues. In addition, the inspectors expanded the corrective action review to 5 years to evaluate Exelon's actions related to deficiencies associated with leakage from the spent fuel pool, spent fuel pool transfer canal, and actions taken to address ongoing groundwater leakage into the intermediate building sub-basement containment tendon area.

Trending

The inspectors reviewed Ginna's processes for identifying and addressing emergent and existing adverse trends in equipment and human performance. The inspectors conducted interviews with plant staff who conducted the department trend reviews, reviewed department trend reports, site trend reports, maintenance rule performance monitoring reports, and required 10 CFR 50.65a(1) action plans and evaluations. The inspectors also reviewed the minutes from system health committee meetings.

b. Assessment

Effectiveness of Problem Identification

Based on the selected samples, plant walkdowns, and interviews of site personnel in multiple functional areas, the inspectors determined that Exelon identified problems and entered them into the CAP at a low threshold. Exelon staff at Ginna initiated approximately 15,000 IRs between March 2014 and March 2016. The inspectors observed supervisors at the daily production, SOC, and MRC meetings appropriately questioning and challenging IRs to ensure clarification of the issues. Based on the samples reviewed, the inspectors determined that Exelon trended equipment and programmatic issues and appropriately identified problems in IRs.

The inspectors verified that conditions adverse to quality identified through this review were entered into the CAP as appropriate. Although the inspectors identified during their plant walkdowns over 30 issues that were entered into Ginna's CAP, all of the items were minor and, in the inspector's determination, were not indicative that Ginna's CAP was not operating properly. For example, during a walkdown of plant areas, the inspectors identified several instances where cracks had appeared in the mortar for safety-related block walls. In some instances, the mortar gaps were large and deep enough to allow air from adjacent rooms to enter an adjoining fire area. These issues had not been identified by Exelon as part of the structures monitoring program or by personnel conducting area tours. During the tours, the inspectors also identified several instances where plant housekeeping and equipment status standards were not properly implemented. These examples included instances where ladders were not properly stored, leakage collection pads were not properly identified, and annunciators on the radioactive waste control panel were not properly tracked.

Finally, through discussions with station control room and non-licensed operators, it appeared there were knowledge gaps regarding how the backup diesel generators to the SAFW system would respond following a loss of the normal power supply. Specifically, operators believed that both SAFW diesel generators would start following a loss of the normal power supply when in fact, only one diesel would initially receive a start signal. The inspectors noted that training material for the SAFW system was silent on the matter since the material had not been updated to reflect installation of the diesel generators, which has occurred over 12 months ago.

In response to these observations identified during the walkdowns, several IRs were written; and when appropriate, Exelon took action to address the issues. When evaluated, the inspectors determined none of the non-conformances and deficiencies would adversely impact the operability of the structures or enclosed equipment; therefore, these issues were determined to be of minor significance in accordance with the guidance of Inspection Manual Chapter 0612, Appendix B, "Issue Screening." The IRs written are documented in the Attachment to this report.

Exelon monitored the performance of both the SOC and MRC meetings through the site internal assessment program. Observations and comments regarding SOC and MRC meeting effectiveness by the Exelon assessors closely matched views shared by inspectors who had also attended the meetings.

The inspectors also observed that, when required, SOC members went back to the originators of several IRs to obtain additional details regarding the item documented in the IR so the issue was clearly documented in the CAP and could be appropriately evaluated and resolved.

Effectiveness of Prioritization and Evaluation of Issues

The inspectors determined that Exelon appropriately prioritized and evaluated issues commensurate with the safety significance of the identified problem. Exelon screened IRs for operability and reportability, categorized the IRs by significance, and assigned actions to the appropriate department for evaluation and resolution. The IR screening process considered human performance issues, radiological safety concerns, repetitiveness, adverse trends, and potential impact on the safety conscious work environment.

Based on the sample of IRs reviewed, the inspectors noted that the guidance provided by Exelon CAP implementing procedures appeared sufficient to ensure consistency in categorization of issues. Operability and reportability determinations were generally performed when conditions warranted; and in most cases, the evaluations supported the conclusion. Causal analyses appropriately considered the extent-of-condition or problem, generic issues, and previous occurrences of the issue. Root cause evaluations and apparent cause evaluations reviewed were completed when required and received management review prior to approval.

Effectiveness of Corrective Actions

The inspectors concluded that corrective actions for identified deficiencies were generally timely and adequately implemented. For significant conditions adverse to quality, Exelon identified actions to prevent recurrence. The inspectors concluded that corrective actions to address the sample of NRC NCVs and findings since the last problem identification and resolution inspection were timely and effective.

The inspectors reviewed the change management from CENG's CAP and CAP tracking systems to Exelon's process. Inspectors verified through sampling that open CENG corrective actions were transferred to Exelon's system. The inspectors determined that Exelon appropriately managed the transition and did not identify any open corrective action assignments in legacy CENG system, which failed to be moved to Exelon's new CAP system database.

5-Year Review

The inspectors completed a 5-year look back of the structures condition monitoring program. The inspectors reviewed the results of the last periodic structural examination

which was completed in 2012. The inspectors determined that the corrective actions coming out of the examination were implemented in a timely manner commensurate with the safety significance. In response to several questions regarding structures identified by the inspectors during plant walkdowns, Exelon personnel promptly initiated IRs and/or took immediate actions to address the issues. The inspectors reviewed IR/CRs related to the structure monitoring program, and determined that Exelon adequately developed and scheduled corrective actions.

Trending

The inspectors reviewed Exelon's processes for identifying and addressing emergent and existing adverse trends in equipment and human performance. Exelon was able to identify trends at a low level using their department trending process. These trends were rolled up to the station level on a monthly basis and action and monitoring plans were developed as appropriate. Additionally, the station's maintenance rule performance monitoring program was effective in evaluating system performance and identifying trends. The SOC members also identified potential trends during their screening meetings and elevated the significance level low-level issues based on the identification of potential trends. During conversations with site personnel, many staff members commented on the emphasis by management to enter issues into the CAP at a very low level so trends could be identified.

c. Findings

No findings were identified.

.2 Assessment of the Use of Operating Experience

a. Inspection Scope

The inspectors reviewed a sample of CRs and IRs associated with review of industry operating experience to determine whether Exelon staff had appropriately evaluated the operating experience information for applicability to Ginna, and if the station staff had taken appropriate actions, when warranted. The inspectors also reviewed evaluations of operating experience documents associated with a sample of NRC generic communications to ensure that Exelon staff adequately considered the underlying problems associated with the issues for resolution via its CAP. In addition, the inspectors observed various plant activities to determine if the station considered industry operating experience during the performance of routine and infrequently performed activities.

b. Assessment

Based upon a review of the documents, the inspectors determined that Exelon staff appropriately considered industry operating experience information for applicability, and used the information for corrective and preventive actions to identify and prevent similar issues when appropriate. The inspectors determined that operating experience was appropriately applied and lessons learned were communicated and incorporated into

plant operations and procedures when applicable. The inspectors observed that industry operating experience was routinely discussed and considered during the daily production and control room turnover meetings.

c. Findings

No findings were identified.

.3 Assessment of Self-Assessments and Audits

a. Inspection Scope

The inspectors reviewed a sample of audits, including the most recent audit of the CAP, departmental self-assessments, and assessments performed by independent organizations. The inspectors performed these reviews to determine if Exelon entered problems identified through these assessments into the CAP, when appropriate, and whether Exelon staff initiated corrective actions to address identified deficiencies. The inspectors evaluated the effectiveness of the audits and assessments by comparing audit and assessment results against self-revealing and NRC-identified observations made during NRC inspections.

At the time of the inspection, the Exelon site nuclear oversight group had recently reorganized as part of a fleet-wide restructuring that eliminated the onsite nuclear assessment organization at nuclear plant sites. Since this reorganization had only been effective at Ginna since February 1, 2016, the inspectors' review of this area was based primarily on open assessments conducted under the previous organizational structure.

b. Assessment

Based on the reviewed documents, the inspectors concluded that self-assessments, audits, and other internal Exelon assessments were critical, thorough, and effective in identifying issues. The inspectors observed that Exelon personnel knowledgeable in the subject completed these audits and self-assessments in a methodical manner. The inspectors observed that nuclear oversight was critical and where appropriate, identified weaknesses and areas requiring improvement. Exelon completed these audits and self-assessments to a sufficient depth to identify issues which were then entered into the CAP for evaluation. In general, the station implemented corrective actions associated with the identified issues commensurate with their safety significance.

c. Findings

No findings were identified.

.4 Assessment of Safety Conscious Work Environment

a. Inspection Scope

During interviews with station personnel, the inspectors assessed the safety conscious work environment at Ginna. While interacting with site personnel, the inspectors asked individuals if they were hesitant to raise safety concerns to their management and/or the NRC. A wide range of plant employees from various departments were questioned, including personnel from the operations, engineering, instrumentation and controls, planning, maintenance, chemistry, and security groups. The inspectors also interviewed the station Employee Concerns Program (ECP) coordinator and his predecessor to assess how well the ECP was implemented, what concerns they had addressed in the ECP, what actions they had implemented to ensure employees were aware of the program, and its availability with regards to raising safety concerns. The inspectors reviewed the ECP files to ensure that the ECP was implemented in accordance with Exelon procedures.

b. Assessment

During interviews, Exelon staff expressed a willingness to use the CAP to identify plant issues and deficiencies and stated that they were willing to raise safety issues. All persons interviewed demonstrated an adequate knowledge of the CAP and the ECP. Based on these limited interviews, the inspectors concluded that there was no evidence of an unacceptable safety conscious work environment and no significant challenges to the free flow of information.

The inspectors did have several comments regarding the employee concerns governing document EI-AA-101-1000, "Employee Concerns Program Process," Revision 14. Specifically, Section 4.4 of the procedure requires the ECP coordinator to notify the Site Vice President of all Class 1 or Class 2 concerns. The inspectors questioned the efficacy of the wording in that step since the Site Vice President may be the individual who caused the Class 1 or Class 2 concern to occur. Also, EI-AA-101-1000 contained references to a position (nuclear oversight manager) that had been eliminated in a recent reorganization.

Ginna’s ECP manager discussed the observation with the inspectors, examined the issue and submitted a procedure change request in PCRA 2594006-81.

c. Findings

No findings were identified.

4OA6 Meetings, Including Exit

On March 31, 2016, the inspectors presented the inspection results to Mr. William Carsky, Plant General Manager, and other members of the Exelon staff. The inspectors verified that no proprietary information was retained by the inspectors or documented in this report.

ATTACHMENT: SUPPLEMENTARY INFORMATION

SUPPLEMENTARY INFORMATION

KEY POINTS OF CONTACT

Licensee Personnel
W. Carsky, Plant Manager
T. Fabian, Engineer 2
M. Fitzsimmons, Senior Staff Engineer
A. Freedman, System Engineer
K. Garnish, Senior Ops Support and Services Manager
T. Harding, Manager Site Regulatory Assurance
R. Hellems, Engineer 3
K. Mack, Organizational Effectiveness Manager
R. Marshall, Auxiliary Operator
D. Peters, Mechanical Design Manager
W. Rapin, Senior Engineer
R. Reissner, Manager Operations Services
C. Siverd, Regulatory Assurance
J. Sperr, System Engineering Manager
J. Stanger, System Engineer
B. Stanfield, Ginna CAP Manager
W. Tono, Senior Engineer
M. Vail, Manager Maintenance Support
B. Weaver, Engineering Manager
G. Wrobel, Developmental Assignment

LIST OF ITEMS OPENED, CLOSED, DISCUSSED, AND UPDATED

Opened/Closed
None

LIST OF DOCUMENTS REVIEWED

Section 4OA2: Problem Identification and Resolution

Procedures

52.12, Nonfunctional Equipment Important to Safety, Revision 07600
A-54.7, Fire Protection Tour, Revision 03600
A-202, The Fire Protection Program and Ginna Station Staff Responsibilities for Fire Protection, Revision 03200
AP-FW.1, Abnormal MFW Pump Flow or NPSH, Revision 02000
CH-261, Collection and Analysis of Groundwater Samples, Revision 00800
CH-PRI-SAMP-SPECIAL, Liquid Sampling Outside Nuclear Sample Room, Revision 01900
CNG-CA-1.01-1000, Corrective Action Program (CAP), Revision 01100
EI-AA-101-1000, Employee Concerns Program Process, Revision 14
EP-2-P-0169, Structural Assessment and Monitoring Program, Revision 01700
EP-2-P-0169, Structural Assessment and Monitoring Program, Revision 01600
EP-2-P-0169, Structural Assessment and Monitoring Program, Revision 01400
EP-2-P-0169, Structural Assessment and Monitoring Program, Revision 01500
EP-2-P-0169, Structural Assessment and Monitoring Program, Revision 01300
ER-AA-450, Structures Monitoring, Revision 5
FRP-35.0, Standby Auxiliary Feedwater Building and Annex, Revision 008
LS-AA-1012, Safety Culture Monitoring, Revision 5
NO-AA-21, Nuclear Oversight Audit Process Descriptions, Revision 8
NO-AA-210-1001, Nuclear Oversight Audit Handbook, Revision 11
NF-AA-300, Special Nuclear Material Control and Accountability, Revision 18
O-6.1, Equipment Operator Rounds and Log Sheets, Revision 060
O-6.13, Daily Surveillance Log, Revision 18700
OP-AA-101-113-1001, Station Event Free Clock Program, Revision 18
OP-AA-108-115, Operability Determinations, Revision 16
OP-AA-108-115-1002, Supplemental Consideration for on-shift Immediate Operability Determination, Revision 3
PI-AA-115, Operating Experience Program, Revision 0
PI-AA-115-1001, Processing of Level 1 OPEX Evaluations, Revision 0
PI-AA-115-1002, Processing of Level 2 OPEX Evaluations, Revision 1
PI-AA-115-1003, Processing of Level 3 OPEX Evaluations, Revision 1
PI-AA-120, Issue Identification and Screening Process, Revision 5
PI-AA-125, Corrective Action Program (CAP) Procedure, Revision 3
PI-AA-125-1001, Root Cause Analysis Manual, Revision 2
PI-AA-125-1003, Apparent Cause Evaluation Manual, Revision 2
PI-AA-125-0004, Effectiveness Review Manual, Revision 1
PI-AA-125-1005, Coding and Analysis Manual, Revision 0
PI-AA-125-1006, Investigation Technics Manual, Revision 2
PI-AA-126, Self-Assessment and Benchmark Program, Revision 1
PI-AA-126-1001, Focused Area Self-Assessments, Revision 1
PI-AA-126-1004, Benchmark Program, Revision 1
PI-AA-127, Passport Action Tracking Management Procedure, Revision 2
PI-AA-300, Performance Improvement Reviews and Interventions, Revision 2
PI-AA-400, Exelon Observation Program, Revision 0

PI-AA-1001, Performance Improvement Integrated Matrix, Revision 3
PI-AA-1002, Performance Improvement Toolbox Revision 1
PI-AA-1003, Excellence Plan Development, Revision 0
PI-AA-3001, Management Model Merger Integration, Revision 0
PI-AA-3002, Management Model Cross-Functional Review Type C, Revision 0
PI-AA-3003, Management Model Cross-Functional Review Type D, Revision 1
PI-AA-3004, Management Model Cross-Functional Review Type C/D, Revision 0
PI-AA-3005, Management Model Gap Closure Review, Revision 0
SEC-5005, Closed Circuit Television and Intrusion Detection System Testing, Revision 00503
SEC-5007, Monthly Active Vehicle Barrier/Lift Gate Test, Revision 00101
SEC-5009, Biometric Hand Geometry Unit and Turnstyle Testing, Revision 00301
SEC-5010, X-Ray Testing, Revision 00400
SEC-5012, Weekly Lighting Assessment, Revision 00100
STP-O-30.5, Standby Auxiliary Feedwater Pumps Valves and Breakers, Revision 00400
STP-O-36-COMP-C, Standby Auxiliary Feedwater Pump 'C' - Comprehensive Test, Revision 01200
STP-O-36-COMP-C, Standby Auxiliary Feedwater Pump 'C' - Comprehensive Test, Revision 01300
STP-O-36-COMP-D, Standby Auxiliary Feedwater Pump 'D' - Comprehensive Test, Revision 01400
STP-O-36Q-D, Standby Auxiliary Feedwater Pump 'D' - Quarterly, Revision 00500
STP-O-36Q-D, Standby Auxiliary Feedwater Pump 'D' - Quarterly, Revision 00700
STP-O-R-1.5, Valve Interlock Verification- Feedwater Isolation, Revision 00200
STP-O-R-22, Feedwater Pump DC Oil Pump Time Delay Relay Test, Revision 00102
SY-AA-101-122, Testing Security Equipment, Revision 22
SY-AA-101-122-1001, Performance of Security System Tests, Revision 13
T-4B, Main Feedwater System Lineup, Revision 03000
T-35C, Auxiliary and Intermediate Building Ventilation System Operation with the Auxiliary Building Supply Air Handling Unit 'A' Out-Of-Service, Revision 01900
WC-AA-101, On-Line Work Control Process, Revision 26
WC-AA-106, Work Screening and Processing, Revision 15

Drawings

33013-1911, Condensate Demineralizer Service Vessels Piping and Instrumentation Drawing (P&ID), Revision 13, Sheet 1
33013-1893, Instrument Air Intermediate Building P&ID, Revision 28
33013-2552, Fire Response Plan Auxiliary Building, Revision 15
33013-1233, Condensate Low Pressure FW Heaters, Revision 36
3301301234, Condensate Storage (CDST), Revision 45, Sheet 1
33013-1235, Condensate (Condensate Booster Pumps to Hydrogen Coolers and Blowdown Recovery System), Revision 27, Sheet 1
33013-1236, Feedwater, Revision 18, Sheet 1
33013-1236, Feedwater, Revision 23, Sheet 2
33013-1236, Feedwater, Revision 3, Sheet 3

Issues Reports (Exelon) Condition Reports (CENG)

01701231	01701243	01701261	01701264
01701266	01701289	01701291	01701300
01701308	01701315	01701326	01701329
01701361	01701372	01701388	01701395
01701396	01701403	01701418	01701430
01701432	01701433	01701449	01701451
01701495	01701533	01701534	01701536
01701544	01701550	01701559	01701571
01701598	01701604	01701608	01701693
01704114	01704798	01929455	01931730
01949289	01949746	01949748	01949749
01950864	01952075	01952370	01952813
01954058	01959324	01959817	01960310
01960325	01960947	01960986	01961204
01961301	01961303	01961367	01961547
01961572	01961620	01961651	01961788
01961797	01961798	01961977	01962051
01962181	01962226	01962287	01962317
01962423	01962477	01962840	01962961
01962964	01963103	01963435	01963436
01964034	02059843	02178745	02334646
02384875	02390311	02397999	02402265
02406340	02410327	02410450	02423904
02424722	02428419	02429230	02446072
02447341	02448879	02449963	02451647
02462049	02467753	02476668	02483272
02494412	02498660	02502306	02503412
02512443	02514628	02515495	02515911
02516554	02516844	02520411	02527587
02528704	02530400	02534565	02541830
02545293	02545489	02548893	02550223
02556124	02556486	02559117	02561777
02564630	02566814	02567013	02567345
02573642	02576748	02577099	02577104
02577134	02577725	02581437	02584862
02612748	02619403	02634324	02639839
02640442*	02641238*	02641302*	02641307*
02641803*	02641849*	02641869*	02642067*
02642069*	02642072*	02642075*	02642079*
02642084*	02642087*	02642088*	02642089*
02642097*	02642098*	02642101*	02642103*
02642106*	02642112*	02642114*	02642121*
02642225*	02642353*	02642369*	02642372*
02646409	02646467		

(*indicates that IR was generated as a result of this inspection)

Work Orders

20140503-00025	20140517-00016	20140616-00032	20141203-00008
20141204-00011	20141204-00012	20150503-00025	20151022-00006
20151022-00010	20151026-00018	20160209-00011	C91466787
C91789847	C92065055	C92757707	C92921784
C92921785	C93207185	C93230663	

Audits and Self-Assessments

EPP-14-01-G, Emergency Preparedness Audit Report dated March 21, 2014
Focused Area Self-Assessment of the Corrective Action Program dated September 30, 2015
Ginna Safety Culture Monitoring Panel Meeting Minutes 2Q 2015 dated August 7, 2015
MAI-14-01-G, Maintenance Audit Report dated December 2, 2014
NOSA-GIN-15-08, Operations Functional Area Audit Report dated September 24, 2015
NOSA-GIN-15-04, Corrective Action Program Audit dated April 7, 2015
NOSA-GIN-15-06, Radiation Protection Audit Report dated August 20, 2015
NOSA-GIN-16-01, Maintenance Program Audit Report dated February 25, 2016
QA-CHE-14-01-G, Chemistry Audit Report dated September 04, 2014
Security Programs Access Authorization and Fitness for Duty SEC-14-01-G, June 28 to August 8, 2014, dated August 19, 2014
Security Programs Audit Report NOSA-GIN-15-02, February 9 to February 13, 2015, dated February 18, 2015
Semi-Annual Safety Culture Health Review 1Q and 2Q 2015 dated October 2, 2015

Operating Experience

NRC Information Notice (IN) 2014-07, Degradation of Leak-Chase Channel Systems for Floor Welds of Metal Containment Shell and Concrete Containment Metallic Liner
NRC IN 2015-02, Antifreeze Agents in Fire Water Sprinkler Systems
NRC IN 2015-04, Fatigue in Branch Connection Welds
NCR IN 2015-13, Main Steam Isolation Valve Failure Events
OPXR ATI Assignment # 02451647-08, Antifreeze Agents in Fire Water Sprinkler Systems
OPXR ATI Assignment # 02600694-07, NRC IN 2015-13: Main Steam Isolation Valve Failure Events
OPXR ATI 02494070, IN 2015-04, Fatigue in Branch Connection Welds

Non-Cited Violations (NCVs) and Findings (FIN)

FIN 05000244/2014002-04, Failure to Adhere to Procedural Requirements for Authorizing the Application of a Tagout
FIN 05000244/2014008-01, Failure to Effectively Implement Corrective Actions Associated with Heater Drain Tank Pump Tripping Issues
NCV 05000244/2015001-01, Inadequate Corrective Actions Result In Failure of Bus 18 Undervoltage Solid State Switchboard Card
NCV 05000244/2015002-01, Failure to Perform 1-Hour Fire Tours as Required By the Technical Requirements Manual
NCV 05000244/2015002-02, Inadequate Procedure Implementation Results in Inadvertent Entry into 72-Hour Technical Specification Action Statement

Miscellaneous

(a)(1) Action Plan-System 95A dated August 8, 2014
(a)(1) Action Plan-System 43CA dated January 21, 2016
(a)(1) Determination-System 43CA dated December 4, 2015
AFW-01, System BIG Notes for Auxiliary Feedwater System, Revision 0
CF-01, Condensate & Feedwater System, Revision
ECP-10-000484, Engineering Evaluation of Spent Fuel Pool Liner and Concrete Condition, Revision 0000
ECP-16-000198, Repair Stair Tower Block Wall, Revision 0000
ECP-16-000198-100-F-01-01, Advance Work Authorization, Revision 0000
Functional Area Monthly Trend January 2016
Maintenance Rule Performance Criteria-System 43C dated May 22, 2015
Maintenance Rule Scoping-System 43C dated January 30, 2015
Maintenance Rule Functions-Safety Significance Classification-System 43C dated February 20, 2014
Maintenance Rule Performance Criteria Selection Template-System 43CB dated February 26, 2016
MRC Agenda dated March 15, 2016
MRC Agenda dated March 17, 2016
MRC Agenda dated March 28, 2016
N-GN-AA-R4301C, Condensate and Feedwater Systems, Revision 36
N-GN-OPS-R4201C, Auxiliary Feedwater System, Revision 26
Nuclear Safety Review Board (NSRB) Minutes 14-01 dated March 31, 2014
NSRB Minutes 14-02 dated August 29, 2014
NSRB Minutes 14-03 dated December 2, 2014
NSRB Minutes 15-01 dated March 25, 2015
NSRB Minutes 15-02 dated August 18, 2015
NSRB Minutes 15-03 dated December 30, 2015
R4201C, Diesel Powered SAFW, Revision 001
Response to Pressurized Water Reactor Owners Group Letter Regarding Non-Conservative "Technical Specifications and Timely Submittal of a License Amendment Request" dated January 21, 2011
SOC Agenda dated March 14, 2016
SOC Agenda dated March 15, 2016
SOC Agenda dated March 16, 2016
SOC Agenda dated March 25, 2016
SOC Agenda dated March 28, 2016
System Health Report for Auxiliary Feedwater System, Q3-2014
System Health Report for Auxiliary Feedwater System, Q4-2014
System Health Report for Auxiliary Feedwater System, Q1-2015
System Health Report for Auxiliary Feedwater System, Q2-2015
System Health Report for Auxiliary Feedwater System, Q4-2015
System Health Report for Condensate & Condensate Storage, Q3-2014
System Health Report for Condensate & Condensate Storage, Q4-2014
System Health Report for Condensate & Condensate Storage, Q1-2015
System Health Report for Condensate & Condensate Storage, Q2-2015
System Health Report for Condensate & Condensate Storage, Q3-2015
System Health Report for Condensate & Condensate Storage, Q4-2015

System Health Report for Main Feedwater System, Q3-2014
System Health Report for Main Feedwater System, Q4-2014
System Health Report for Main Feedwater System, Q1-2015
System Health Report for Main Feedwater System, Q2-2015
System Health Report for Main Feedwater System, Q3-2015
System Health Report for Main Feedwater System, Q4-2015
Technical Specifications dated January 8, 2016
Updated Final Safety Analysis Report, Revision 25

LIST OF ACRONYMS

10 CFR	Title 10 of the *Code of Federal Regulations*
CAP	Corrective Action Program
CENG	Constellation Energy Nuclear Group, LLC
CR	Condition Report
ECP	Employee Concerns Program
IR	Issue Report
MRC	Management Review Committee
NCV	Non-cited Violation
NRC	U.S. Nuclear Regulatory Commission
SAFW	Standby Auxiliary Feedwater
SOC	Station Ownership Committee