



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

December 11, 2009

Mr. Charles G. Pardee
Senior Vice President, Exelon Generation Company, LLC
President and Chief Nuclear Officer (CNO), Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

**SUBJECT: LASALLE COUNTY STATION, UNITS 1 AND 2
PROBLEM IDENTIFICATION AND RESOLUTION (PI&R) INSPECTION
05000373/2009007; 05000374/2009007**

Dear Mr. Pardee:

On November 23, 2009, the U.S. Nuclear Regulatory Commission (NRC) completed a Problem Identification and Resolution (PI&R) inspection at the LaSalle County Station Units 1 and 2. The enclosed report documents the inspection results, which were discussed on November 23, 2009, with members of your staff.

The inspection examined activities conducted under your license as they relate to safety and compliance with the Commission's rules and regulations and with the conditions of your license. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel.

The inspection concluded that your staff was effective at identifying problems and incorporating them into the corrective action program. In general, issues were appropriately prioritized, evaluated, and corrected, audits and self-assessments were thorough and probing, and operating experience was appropriately screened and disseminated. Your staff was aware of the importance of having a strong safety-conscious work environment and expressed a willingness to raise safety issues.

No findings or violations were identified during this inspection.

C. Pardee

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In accordance with 10 CFR 2.390 of the NRC's "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 Public Document Room or from the Publicly Available Records (PARS) component of the NRC's document system (ADAMS). ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

Kenneth Riemer, Chief
Branch 2
Division of Reactor Projects

Docket No. 50-373; 50-374
License No. NPF-11; NPF-18

Enclosure: Inspection Report 05000373/2009007; 05000374/2009007
w/Attachment: Supplemental Information

cc w/encl: Distribution via ListServ

U. S. NUCLEAR REGULATORY COMMISSION

REGION III

Docket Nos: 05000373; 05000374
License Nos: NPF-11; NPF-18

Report No: 05000373/2009007; 05000374/2009007

Licensee: Exelon Generation Company, LLC

Facility: LaSalle County Station, Units 1 and 2

Location: Marseilles, IL

Dates: November 2-20, 2009

Inspectors: N. Shah, Project Engineer - Team Lead
F. Ramirez, Resident Inspector - LaSalle
C. Scott, Reactor Engineer
D. Swarzc, Reactor Engineer

Observers: Jane Yesinowki, Illinois Emergency Management Agency

Approved by: Kenneth Riemer, Chief
Branch 2

Enclosure

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SUMMARY OF FINDINGS

IR 05000373/2009007; 05000374/2009007 (November 2, 2009 - November 20, 2009), LaSalle County Station Units 1 and 2; Biennial Baseline Inspection of the Identification and Resolution of Problems.

This team inspection was performed by three regional inspectors and the site resident inspector. No findings or violations were identified.

Identification and Resolution of Problems

Overall, the corrective action program (CAP) was being effectively implemented. Issues were identified at a low threshold, evaluated and corrected. Self-assessments and audits by Nuclear Oversight (NOS) were thorough and critical of the assessed areas. Operating experience was recognized as valuable and was effectively communicated. Interviews with licensee staff and a review of the Employee Concerns Program (ECP) indicated that the licensee had a positive safety culture environment that encouraged identification of issues in the CAP.

However, the inspectors identified several areas of concern that may negatively impact the licensee's ability to identify and resolve issues. In some cases, these issues had been recognized by the licensee, but effective corrective action had not been taken. Briefly, the issues were:

- The current CAP performance indicators were not always effectively used or sufficient to monitor the program. Although the licensee was aware of these issues, CAP staff appeared willing to live with the shortcomings and had not formally taken corrective action.
- There were some examples of long-standing issues that were either not corrected or not evaluated. In some cases, the licensee had identified the issues, but had not evaluated why previous corrective actions were ineffective.
- There were several examples where the review of operating experience (OE) in cause evaluations were not documented in accordance with licensee procedures. Additionally, there was no formal requirement to evaluate whether the failure to use OE was a precursor during the evaluation of events. Although the licensee had identified these issues in the CAP, the corrective actions were somewhat limited.
- Issues that were reviewed by the ECP, but not captured in a formal case file, were not always well documented. This resulted in some uncertainty regarding whether potentially significant issues were appropriately dispositioned.

A. NRC-Identified and Self-Revealed Findings

Cornerstone: Mitigating Systems

None.

B. Licensee-Identified Violations

No violations of significance were identified.

REPORT DETAILS

4. OTHER ACTIVITIES

4OA2 Problem Identification and Resolution (71152B)

The activities documented in Sections .1 through .4 constituted one biennial sample of Problem Identification and Resolution (PI&R) as defined in Inspection Procedure (IP) 71152.

.1 Assessment of the Corrective Action Program Effectiveness

a. Inspection Scope

The inspectors reviewed the licensee's corrective action program (CAP) implementing procedures and attended CAP program meetings to assess the implementation of the CAP.

The inspectors selectively reviewed risk and safety-significant issues entered in the CAP since the last NRC PI&R inspection in November 2007. The selection of issues ensured an adequate review of issues across the NRC cornerstones. The inspectors included issues identified through NRC generic communications, department self-assessments, licensee audits, operating experience reports, and NRC documented findings as part of this assessment. The inspectors also reviewed a selection of completed root, apparent and common cause evaluations.

The inspectors performed a more extensive review of the licensee's control of cabling located in underground vaults, and corrective actions and temporary modifications that had been open for greater than one year. The review of the cabling located inside underground vaults consisted of a five year search of related issues identified in the CAP and discussions with appropriate licensee staff to assess the licensee's efforts in addressing identified concerns.

During the reviews, the inspectors evaluated whether the licensee staff's actions were in compliance with the facility's CAP and 10 CFR Part 50, Appendix B requirements. Specifically, the inspectors evaluated if licensee personnel were identifying plant issues at the proper threshold, if these issues were entered into the CAP in a timely manner, and if these issues were appropriately resolved. The inspectors also evaluated whether root, apparent, and common cause evaluations were assigned and performed as appropriate. The inspectors also evaluated the timeliness and effectiveness of corrective actions for selected issue reports, completed investigations, and NRC-identified issues.

b. Assessment

(1) Effectiveness of Problem Identification

Overall, the CAP program was effectively implemented in that issues were identified at a low threshold, evaluated and corrected. Workers were encouraged to identify issues and were familiar with the various avenues available (NRC, ECP, CAP, etc.). This was evident by the large number of CAP items generated annually, which were reasonably

distributed across the various departments. A shared computerized database was used for creating individual reports and for subsequent management of the processes of issue evaluation and response. This included determining the issue's significance, addressing such matters as regulatory compliance and reporting, and assigning any actions deemed necessary or appropriate.

However, the inspectors noted that the licensee performance indicators for monitoring the CAP program were not being effectively utilized. The inspectors identified that there was no requirement to investigate instances where indicators identified poor performance. For example, the inspectors noted that no Action Requests (ARs) had been initiated for several indicators that were either in the yellow or red band (indicating poor performance) during the past year. During interviews, licensee CAP staff commented that some of these indicators, because of how they were defined, may be inaccurately reporting performance. However, the inspectors could not find any CAP entries identifying these indicators so that they could be corrected. The inspectors questioned the efficacy of the indicators when no effort was made to evaluate instances when poor performance was identified or to revise those considered inaccurate. The licensee issued AR 993280 to evaluate this issue.

The inspectors determined that the station was generally effective at trending low level issues to prevent larger issues from developing. The licensee also used the CAP to document instances where previous corrective actions were ineffective or were inappropriately closed.

Findings

No findings of significance were identified.

(2) Effectiveness of Prioritization and Evaluation of Issues

The inspectors concluded that the station was generally effective at prioritizing and evaluating issues commensurate with the safety significance of the identified problem. The inspectors determined that CAP screening meetings were generally thorough and maintained a high standard for approving actions.

The majority of issues were of low level and were either closed to trend or at a level appropriate for a condition evaluation. Some of these issues were closed to a work request or to another CAP report, but the inspectors noted that both the parent and daughter documents had the necessary verbiage to document the interrelationship. The inspectors also had no concerns with those assigned an apparent, root or common cause evaluation. There were no items in the operations, engineering, or maintenance backlogs that were risk significant, individually or collectively.

Root, apparent and common cause evaluations were generally thorough; however, the inspectors did identify two examples where the level of review was less than appropriate:

- AR 882701 was written to perform a common cause evaluation for an adverse trend regarding issues with work orders/packages. The evaluation identified that this issue had been recurring since 2003, but did not address why previous corrective actions were ineffective.

- AR 784631 was written after the NRC resident inspectors had observed a high radiation barrier (fenced enclosure) that had been built adjacent to the Unit 1 safety-related Standby Gas Treatment System piping. The barrier was in contact with the piping (potentially raising a concern regarding the seismic analysis), but there was no licensee evaluation supporting this condition. Subsequently, the barrier was removed, but there was no documentation for its removal.

The licensee captured the above issues in the CAP as AR Nos. 996319 and 995883.

The inspectors determined that the licensee was generally effective at evaluating equipment functionality requirements after a degraded or non-conforming issue was identified. The inspectors reviewed Maintenance Rule action plans associated with systems currently in (a)(1) and for those returning to a(2) status within the last two years. No issues were identified from this review.

The inspectors also concluded that the licensee had been effectively managing underground cabling.

Findings

No findings of significance were identified.

(3) Effectiveness of Corrective Actions

The inspectors concluded that corrective actions for identified deficiencies were generally timely and adequately implemented, commensurate with their safety significance. The inspectors also concluded that sampled corrective actions assignments for selected NRC documented violations were generally effective and timely. However the inspectors did notice some untimely corrective actions as described below.

- AR 840401 was written after the NRC identified a non-safety hanger attached to a safety related cable tray. In the evaluation, the licensee failed to note that the same issue had been previously identified about four years earlier (AR 352075) and that corrective actions had not been taken.
- The inspectors noted that the licensee had not taken appropriate action to address potential preconditioning due to inappropriate work scheduling (for example, scheduling a post-maintenance test just prior to a surveillance test) despite having two prior NRC-identified instances of such, associated with the main steam isolation valves and reactor core isolation cooling systems.
- AR 856961 was written to address oscillations observed on a Unit 1 control rod drive flow control valve. Although a work order was written to address this, it remained open for over two years. The inspectors did not identify any CAP item evaluating why the work order was open for so long.
- AR 736409 was written to address high dose rates associated with a radioactive waste sample sink. The AR was closed to a work order, but there was no documentation that the work was actually performed.

- The inspectors noted that work orders associated with the removal of temporary modifications, did not contain the necessary cross-referencing as required by procedure (i.e., neither the work order nor the temporary modification paperwork referenced the other).

The licensee wrote ARs 989540, 995336, 995957 and 988746, respectively, to address the above issues.

The inspectors also identified that numerous, recurring issues (since 2006) with the Units 1 and 2 gaseous and particulate radiation monitors used for reactor leak detection had not been resolved. The issues were varied and potentially affected the reliability of the monitors. Although these monitors were nonsafety-related, they were required by Technical Specifications. The licensee had performed past cause evaluations that had recommended corrective actions, but these actions had not been implemented. Additionally, the licensee had not evaluated whether the issues significantly impacted the ability of the monitors to detect primary system leakage. The licensee subsequently identified that the monitors would perform the Technical Specification function and wrote AR 989527 to address this issue.

The licensee had 19 open corrective actions that were greater than one year old, with the oldest being 731 days old. The inspectors verified that the open actions were appropriate, that work orders were in place (and scheduled) for final implementation of the action, and that plant operation or risk was not adversely affected.

Findings

No findings of significance were identified.

.2 Assessment of the Use of Operating Experience

a. Inspection Scope

The inspectors reviewed the licensee's implementation of the facility's OE program. Specifically, the inspectors reviewed implementing OE program procedures, observed daily station and pre-job briefings to observe the use of OE information, and selectively reviewed completed evaluations of OE issues and events. The intent of the review was to determine whether the licensee was effectively integrating OE experience into the performance of daily activities, whether evaluations of issues were proper and conducted by qualified personnel, whether the licensee's program was sufficient to prevent future occurrences of previous industry events, and whether the licensee effectively used the information in developing departmental assessments and facility audits. The inspectors also assessed if corrective actions, as a result of OE experience, were identified and effectively implemented.

b. Assessment

The inspectors concluded that the station appropriately screened OE information for applicability, and used the information for corrective and preventative actions to identify and prevent similar issues. The inspectors observed that OE was discussed as part of the daily station and pre-job briefings and was effectively disseminated across the

various plant departments. During interviews with the inspectors, licensee staff generally commented favorably on the use of OE in their daily activities.

Although OE was considered as part of root, apparent and common cause evaluations, the inspectors identified that these reviews were not always documented in accordance with CAP procedures. The licensee had identified several examples during self-assessments conducted in 2008 and 2009 and had taken corrective action. A subsequent licensee review, conducted prior to the NRC PI&R inspection, had identified no additional issues. However, the inspectors identified several examples where OE potentially applicable to the station was either not reviewed or the review was not documented as required. These examples occurred after the licensee self-assessments were completed, and were not identified in the licensee's effectiveness review. The licensee initiated AR 995934 to evaluate this issue.

The inspectors also noted that the licensee's staff was not required to evaluate whether the failure to use OE was a contributing cause of an event. Instead, the staff was only required to identify OE related to an event and use any insights gained in developing the corrective actions. The inspectors noted that several of the licensee's root, apparent and common cause evaluations had identified OE that may have prevented the event had it been appropriately evaluated. The licensee initiated AR 995981 to evaluate this issue.

Findings

No findings of significance were identified.

.3 Assessment of Self-Assessments and Audits

a. Inspection Scope

The inspectors reviewed selected focused area self-assessments, check-in self-assessments, root cause effectiveness reviews, and NOS audits. The inspectors evaluated whether these audits and self-assessments were being effectively managed, adequately covered the subject areas, and whether identified issues were appropriately captured in the CAP. In addition, the inspectors also interviewed licensee personnel regarding the implementation of the audit and self-assessment programs.

b. Assessment

The inspectors concluded that self-assessments and audits were typically accurate, thorough, and effective at identifying issues and enhancement opportunities at an appropriate threshold level. The inspectors concluded that these audits and self-assessments were completed by personnel knowledgeable in the subject area. The inspectors considered the quality of the NOS audits to be thorough and critical. The self-assessments were acceptable but, as expected, they were not at the same level of quality as the audits. The inspectors observed that CAP items had been initiated for issues identified through the NOS audits and self-assessments.

Findings

No findings of significance were identified.

.4 Assessment of Safety-Conscious Work Environment (SCWE)

a. Inspection Scope

The inspectors interviewed selected members of the licensee's staff to determine if there were any impediments of a SCWE. In addition, the inspectors discussed the implementation of the ECP with the ECP coordinators, and reviewed 2007 - 2009 ECP activities to identify any emergent issues or potential trends. In addition, the inspectors reviewed the facility's ECP implementing procedures, interviewed the licensee ECP coordinators, and reviewed licensee safety culture surveys. The licensee's programs to publicize the CAP and ECP programs were also reviewed.

b. Assessment

The inspectors determined that the plant staff were aware of the importance of having a strong SCWE and expressed a willingness to raise safety issues. No one interviewed had experienced retaliation for safety issues raised, or knew of anyone who had failed to raise issues. All persons interviewed had an adequate knowledge of the CAP and ECP process. These results were similar to the findings of the licensee's safety culture surveys. Based on these interviews, the inspectors concluded that there was no evidence of an unacceptable SCWE.

The inspectors determined that the ECP process was being effectively implemented. The review of the selected ECP issues indicated that site personnel were appropriately using the CAP and ECP to identify concerns. However, during the interviews most station personnel did not know where the ECP office was located, although they could identify the ECP personnel. This did not appear to have a detrimental affect, based on the number of ECP issues currently in the system.

However, the inspectors observed that ECP issues not captured in a formal case file, were not always well documented. This resulted in some uncertainty regarding whether potentially significant issues were appropriately dispositioned. For example, there was one issue regarding a plant individual who exhibited signs of aberrant behavior while on shift. Although this concern was documented by the ECP staff, a formal case record was not opened. The inspectors could find no record of whether this concern was reviewed by the security staff as required by the site Security plan. Subsequently, the inspectors verified that this had occurred; however, the lack of a written record made it somewhat difficult to confirm. The ECP staff acknowledged this issue and was developing corrective actions. However, due to the potential to release confidential information, this observation was not captured in the CAP.

Findings

No findings of significance were identified.

4OA6 Management Meetings

.1 Exit Meeting Summary

- On November 23, 2009, the inspectors presented the inspection results to Mr. Wozniak and other members of the licensee staff. The licensee acknowledged the issues presented. The inspectors confirmed that none of the potential report input discussed was considered proprietary.

ATTACHMENT: SUPPLEMENTAL INFORMATION

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee

J. Bashor, Engineering Director
L. Blunk, Operations Training Manager
A. Byers, Performance Improvement Specialist
K. Ihnen, Nuclear Oversight Manager
B. Rash, Maintenance Director
T. Simpkin, Regulatory Assurance Manager
K. Taber, Operations Director
J. Vergara, Senior Regulatory Specialist
H. Vinyard, Work Management Director
D. Wozniak, Site Vice President

Nuclear Regulatory Commission

K. Riemer, Chief, Branch 2, Division of Reactor Projects

LIST OF ITEMS OPENED, CLOSED AND DISCUSSED

Opened and Closed

None.

LIST OF DOCUMENTS REVIEWED

The following is a list of documents reviewed during the inspection. Inclusion on this list does not imply that the NRC inspectors reviewed the documents in their entirety, but rather, that selected sections of portions of the documents were evaluated as part of the overall inspection effort. Inclusion of a document on this list does not imply NRC acceptance of the document or any part of it, unless this is stated in the body of the inspection report.

PLANT PROCEDURES

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
LS-AA-1012	Safety Culture Monitoring	Revision 0
EI-AA-101	Employee Concerns Program	Revision 8
EI-AA-1	Safety-Conscious Work Environment	Revision 2
EI-AA-101-1001	Employee Concerns Program Processes	Revision 8
LS-AA-1012	Safety Culture Monitoring	Revision 0
CC-AA-103	Configuration Control for Permanent Physical Plant Changes	Revision 19
AD-AA-2001	Management and Oversight of Supplemental Workforce	Revision 6
LS-AA-1001	Root Cause Analysis Manual	Revision 7
LS-AA-126-1007	Performance Improvement Toolbox	Revision 1
CC-AA-112	Temporary Configuration Changes	Revision 14
LS-AA-115-1004	Processing of NERs And NNOE's	Revision 0
LS-AA-115	Operating Experience Procedure	Revisions 3,4,5 and 10
LS-AA-115-1003	Processing of Significance Level 3 OPEX Evaluations	Revision 0
LS-AA-115-1002	Processing of Significance Level 2 OPEX Evaluations	Revision 0
LS-AA-115-1001	Processing of Significance Level 1 OPEX Evaluations	Revision 0
LS-AA-115	Operating Experience Program	Revision 14
LOP-HS-01	Hydrogen Seal Oil System Startup and Operation	Revision 18
LOP-HS-03	Hydrogen Seal Oil System Shutdown	Revision 13
LOP-WL-01	Filling and Venting the Lake Makeup Piping	Revision 16
LOP-WL-01	Filling and Venting the Lake Makeup Piping	Revision 15
LOP-WL-13	Filling the Makeup Line with the Makeup Pump(s)	Revision 5
LIP-RH-602B	Unit 2 RHR Pump 2B/2C Flow Indication Calibration	Revision 5
LS-AA-125-1002	Common Cause Analysis Manual	Revision 6
LS-AA-125-1003	Apparent Cause Evaluation Manual	Revision 8

CORRECTIVE ACTION PROGRAM DOCUMENTS REVIEWED

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
871625	L2R12-FME [Foreign Material] Accumulated Debris on Reactor Jet Pump 15	1/25/2009
732084	1A DG [Diesel Generator] Room Vent Supply Filter High D/P	2/5/2008
727393	Unit 1 Control Rod 18-39 Inoperable	1/27/2008
727361	Unit 1 Control Rod 18-23 Inoperable	1/26/2008
721332	Unit 1 RR [Reactor Recirculation] Flow Change	1/11/2008
970547	NOS [Nuclear Oversight] Identifies PI&R FASA [Focused Area Self-Assessment] Plan and Report Issues	9/25/2009
954832	NOS ID: CAPR 872750-14 Closure Issues	8/18/2009
945993	LOA-PWR-101 Reference Error	7/10/2009
919749	Insufficient CA Closure Documentation	1/23/2009
901425	CCA Actions not Created by Department	11/26/2008
899233	IR 891213 and IR 891204 Incorrectly Closed to One Another	3/29/2009
680941	Off Scale Control Room Reading	10/6/2007
710857	Worker Alarmed MAF Portal Monitor	12/12/2007
694587	Low Level Issues EP Drills 3 rd /4 th Quarter Facilities	9/26/2007
709901	6 MREM Emergent Dose was Received	12/10/2007
710836	Security-Weapons Cabinet at India Needs Anchored	12/12/2007
711281	LS-AA-115 Review Needed for OE 25417	12/12/2007
742353	Multiple TSI OK LED's not Lit	2/28/2008
731386	Reactor Building High Rad Alarm	2/4/2008
721355	Unit 2 HWC [Hydrogen Water Chemistry] System Trip Due to High Hydrogen Pressure	1/12/2008
721319	Received Unexpected Unit 1 CRD [Control Rod Drive] HCU [Hydraulic Control Unit] Alarm for Rod 42-51	1/12/2008
720249	Unexpected U1 CRD Accumulator 54-23 Alarm	1/10/2008
872502	Shaw—Pipefitter Received Dose Rate Alarm in Drywell	1/26/2009
953952	Security—Vehicle Discovered Operable Without Key	8/16/2009
933571	Security Explosive Detector #1 and #2 Not Working Properly	6/21/2009
876268	Security—Live Round of Ammunition Declared at Check Point	2/4/2009
678960	Through Fault on L0104 Line Between Braidwood and LaSalle	9/15/2009
881434	TLD Ran Through X-Ray	2/17/2009
914174	NOS Finding in Corrective Action Effectiveness	4/30/2009

CORRECTIVE ACTION PROGRAM DOCUMENTS REVIEWED

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
914632	NOS ID: RCR [Root Cause Report] Checklist Answered Improperly	5/1/2009
913283	NOS ID: No Evidence of Valve Inspection	11/30/2007
914165	NOS ID: CAP Investigations Do Not Meet Some Admin Requirements	4/30/2009
848279: assignment 30	Address Issues Raised During FASA with RCR 641194 Provide Guidance On Documenting OPEX Use in CAP Investigations	10/26/2009
848279: assignment 24/01	Address Issues Raised During FASA with RCR 641194 Provide Guidance On Documenting OPEX Use in CAP Investigations	10/26/2009
840401	NRC Identified Inspection Findings in Aux Building Ceiling	11/04/2008
352075	Mass Spectrometer Duct Attachment to Cable Tray Support	7/1/2005
344802	Design Changes Required Due to Re-Location of Equipment	6/15/2005
849004	NRC Potential Finding Undersized Spray Nozzles	11/21/2008
708358	PI&R Inspection—Untimely Corrective Actions for CSCS [Component System Cooling Water] Valve Replacements	12/6/2007
709749	NCV [Non-Cited Violation] Associated with Diesel Fuel Storage Not Fully Addressed	12/10/2007
703553	TS B3.8.3 Fuel Oil Capacity Required for Division 3 Inconsistent	11/21/2007
699901	TS Bases 3.8.3 Fuel Oil Capacity for 7 days Inconsistent	11/12/2007
955205	NRC 2 nd Quarter Inspection Report	8/19/2009
699299	NRC ID'd Wrong Location for New 2DG117 Valve in LOP-DG-09M	11/12/2007
708359	PI&R Inspection—No Site Investigation for L1R11 JP [Jet Pump] RB [Riser Brace] Delays	12/6/2007
729732	NRC-Identified Problem	1/31/2008
735802	NRC Identifies GAP in FME Barrier Curtain	2/13/2008
741419	During NRC Walkdown, Whip Restraint was Identified Loose	2/26/2008
772740	NRC 1 st Quarter Inspection Report—Green Findings with One NCV	3/31/2008
786350	Security—Training Records With Administrative Errors	6/13/2008
841567	NRC Identified Appendix R ELBP Light Indication Abnormalities	11/6/2008
846783	NRC Triennial: Smoke Detectors Affect Any Other Functions	11/12/2008
ACE 839916	Security Negligent Weapon Discharge	7/30/2009

CORRECTIVE ACTION PROGRAM DOCUMENTS REVIEWED

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
ACE 731403	Unposted High Radiation Area Identified in Unit 1 Reactor Building B RHR [Residual Heat Removal] Pump Room	2/4/2007
ACE 728969	Workers Instructed to Log Off ED [Electronic Dosimeter] Prior to Exceeding X.4 Mrem	1/30/2008
ACE 728710	CAs fro CCA 325231 Are Ineffective	1/29/2008
ACE 723807	Broken Fuel Bundle Spacer	1/17/2008
ACE 907825	Contamination Discovered Outside a Posted CA [Contaminated Area]	4/15/2009
ACE 687105	Security Posting Not Properly Documented	10/19/2007
ACE 696564	Cask Shoring Makes Contact With HIC [high integrity container] During Loading	11/8/2007
ACE 758197	L1R12 Steam Affected Dose 8.579 REM Over Estimate	4/2/2008
RCE 696281	CCA Rolled Into Root Cause Following Management Challenge (Modifications Not Fully Incorporated due to Lack of Clear Standards)	11/8/2007
RCE 872750	Unit 2 Refuel Bridge Mast—Braided Wire Cable 1 of 2 Failed	1/27/2009
RCE 752478	EP Pre-Exercise DEP Failure to Classify in Timely Manner	3/19/2008
RCE 924205	RR [Reactor Recirculation] Ganged Controller Malfunction	5/27/2009
RCE 868704	Elevated Dose Rates Identified During L2R12	1/19/2009
924999	MRC Directed IR from EACE Review: 1B HD [Heater Drain] Bearing Failure	4/4/2009
927524	MRC Rejection of ACE 908791 EHC Software Mod Not Performed	6/3/2009
940703	LAS VE Root Cause Does not Address All Potential Causes	7/10/2009
963546	RA-FRPT Deficiency—IR 848279—Issues with RCR 641194	9/3/2009
916994	Ineffective CAPR Associated With LVDT Failure RCR	5/7/2009
CCE 882701	Investigate Documentation Issues For Past 9 Months	2/19/2009
CCE 676417	Adverse Trend in Radiation Protection Performance Indicator	9/26/2007
CCE 914174	NOS Finding In Corrective Action Effectiveness	4/30/2009
CCE 901038	Online Dose Estimating Accuracy Needs Improvement	4/1/2009
899020	Declining Reliability of Radiation Monitors Across Fleet	3/28/2009
936524	System IQ Assessment Report	6/29/2009
898613	Operations Identified Adverse Trend 1(2)PL15J and 1(2)PL75J	3/27/2009

CORRECTIVE ACTION PROGRAM DOCUMENTS REVIEWED

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
CCE 827168	2PL15J Trouble In Main Control Room	10/6/2008
CCE 693124	Rad Monitor Trend Pull ID's Need for Further Investigation	11/1/2007
894269	2PL75J Particulate Channel Rad Hi Alarm	3/18/2009
844159	NOS ID Enhancement for New Fuel Transfer Basket	11/12/2008
704754	NOS ID FPR [Fire Protection Report] Descriptions, Drawings, and Pre-Fire Plan Issues	11/28/2007
692354	U2 SFP [Spent Fuel Pool] Boraflex Panel Degradation Projections through 7/1/08	10/31/2007
880430	L2R12 Shaw Performance Common Cause Analysis (AT 865420-02)	2/13/2009
798029	NOS ID: Finding Refrigerant Control Deficiencies	7/16/2008
892574	1C CW [Circulating Water] Pump Failure to Start, Then Overcurrent Conditions	3/13/2009
859439	L2R12 Late Work Order Generated from PM	12/22/2008
856855	EP FASA 843943—Deficiency in Augmentation Drills Time/Day	12/16/2008
759725	Break In Lake Make Up Line Following System Pump Start	04/05/2008
799885	Perform Root Cause On Unit 1 MDRFP Work Window	07/24/2008
756083	Training INPO ATV Identified OJT/TPE As Team Identified Finding	03/28/2008
916375	Technician Performed Task Without Qualification	05/06/2009
889582	Adverse Trend In MMD Performance	03/06/2009
889584	Adverse Trend In EMD Performance	03/06/2009
889592	Adverse Trend In IMD Performance	03/06/2009
693812	Labeling Discrepancy During 1VX08C Troubleshooting	11/02/2007
735952	OSHA Recordable- WELDTEC	02/14/2008
737285	Shaw- 3" Line Incorrectly Identified in Minor WO Revision	02/16/2008
738459	Generator Seal Oil Ingress	02/19/2008
836359	Leak Work Off Curve Is Off Track	10/27/2008
852498	NOS ID: Corrective Actions For Transient Combustible Issues	12/04/2008
874657	Shaw – Sea Van Slides Off Of Truck Backing Into Refuel Pad	02/01/2009
878589	Coordination Issue Between Turbine Roll and Switching	02/10/2009
911322	Vibration Analysis Identifies Wiped Bearing(s) On 0VL03C	04/24/2009
665602	OPEX- LaSalle County Station SME Review of OE25373	08/28/2007

CORRECTIVE ACTION PROGRAM DOCUMENTS REVIEWED

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
633803	Wiring of STS Controller 0TIC-VC002 Does Not Match Drawing	05/25/2007
633816	Wiring for STS Controller 0TIC-VC045 Does Not Match Drawing	05/25/2007
633809	Wiring for STS Controller 0TIC-VC003 Does Not Match Drawing	05/25/2007
885736	Troubleshooting A Controller Issue	02/26/2009
771796	STS Controller Mod Enhancements	05/05/2008
889586	Adverse Trend In IMD Performance	03/06/2009
858932	FME Plug Left In CRD 10-11 SSPV Exhaust Port	12/21/2008
CCA 889592-02	Adverse Trend In MWP Performance	03/18/2009
RCE 756083	Improper Implementation of Electrical Maintenance OJT/TPE	04/25/2008
CCA 889582-02	Adverse Trend in MMD Performance	04/01/2009
RCA 916375	Unqualified IMD Technicians Performed LIS-WS-201, Unit 2 Service Water Effluent Monitor Calibration.	05/05/09
RCA 799885-03	Motor Driven Reactor Feed Pump Work Window Scope Expansion due to Less than Optimal Pump Internal Component Design Specifications	07/20/2007
CCA 889586-02	Low Level Performance Issues in IMD Performance	04/03/2009
RCA 759725	Lake Makeup Line Leakage Due to Procedure Placekeeping Error	04/05/08
CCA 889584-02	Low Level Performance Issues in EMD	03/27/2009
ACE 836359	Leak Work Curve is Off Track	10/27/2008
ACE 735952	Lost Time Accident- WeldTech Pipe Filter Struck by Tool	07/13/2008
ACE 693812	Unit 1 24/48 VDC System B Battery Room Exhaust Fan Running with Clearance	11/02/07
ACE 858932	FME Plug Left In CRD 10-11 SSPV Exhaust Port	12/21/2008
ACE 911322	Vibration Analysis Identifies Wiped Bearings(s) on 0VL03C	04/24/2009
ACE 878589-04	During Initial Turbine Roll Prior to Synchronization the Unit2 Turbine Tripped on Generator Lockout.	02/09/2009
ACE 874657-04	Cargo Container Slides Over the Side of a Flatbed Trailer	01/31/2009
ACE 852498-06	Inability to Arrest the Adverse Trend in the Transient Combustible Control	01/11/2009
ACE 737285	Condensate Booster System Line Incorrectly Identified and Removed	02/16/2008
492926 Assignment 2	Perform a Common Cause Analysis on Rod 26-35 double notch on withdraw. Validate latest revision of LS-ASA-125-1002 for CCA format.	9/1/2006
496876	Control Room Indication Bands Differ	6/5/2006

CORRECTIVE ACTION PROGRAM DOCUMENTS REVIEWED

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
496876 Assignment 2	Operations Services to Evaluate Referenced Indicators and Document Appropriate Bands for Incorporation in T&RM with Assistance from Engineering as Required	9/21/2006
716812 Assignment 4	For Finding 2, verify all actions are complete and appropriate to prevent a future finding (IR 663732)	3/19/2008
764450 Assignment 2	Perform Common Cause Analysis on Reactivity management Performance Indicator Adverse Trend. Validate latest revision of LS-AA-125-1002 for CCA format.	5/23/2008
507829	Control Room Indicator Differences (Part 2)	7/10/2006
678869	1B DG Cooling Strainer Stuck in BW When System is in STBY	10/2/2007
679684	U-2 Drywell Cooler Condensate Flow Rate Erratic Indication	10/4/2007
680151	RWLC Level Setpoint Set Down Ramping Out too Soon upon Reset	10/4/2007
681645	Trng: 2 ILT Students Fail Systems Final Exam	10/8/2007
681658	Trng: INPO Identifies Gap to Excellence in SIM Critiques	10/8/2007
681731	Possibility of New Fuel Failure on LaSalle Unit 1	10/8/2007
681885	Domestic Water Underground Valve Operator Box Full of Debris	10/9/2007
682781	1B Diesel Generator Load/Speed Drifts	10/10/2007
682796	1B Diesel Generator Voltage Regulator Adjustment Erratic	10/10/2007
683328	A VC Refrigeration Compressor Inop Due to Short Circuit	10/11/2007
683695	Received PPC Alarm for 'A' RHR INOP	10/12/2007
684937	2B DG Fuel Oil Sample Results	10/15/2007
696832	NRC Preconditioning Question on 1-16-07 2E51-F019 Cycling	11/9/2007
698423	ERO Exam Security Issue During Annual Requal training	11/13/2007
707328	Check-in Opex	12/4/2007
716812	NRC Inspection Report 2007-004 – Green Findings and One Asso (NCV)	12/31/2007
727361	Unit 1 Control Rod 18-23 Inoperable	1/27/2008
729156	NRC Insp RPT 2007-006 – Green Findings Associated NCVs	1/30/2008
735550	NRC Insp RPT 2007-005 – Green Finding and Associated NCV	2/13/2008
741941	MSR Low Load VLV 1B21-RSLLV2 Full Closed. RSLLV2 Full Open	2/28/2008
744606	Fluctuations Observed in Instantaneous Reactor Power	3/4/2008
748777	NOS ID: Porc Issues	3/12/2008

CORRECTIVE ACTION PROGRAM DOCUMENTS REVIEWED

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
759538	NRC-Identified: MSIV Preconditioning	4/4/2008
764450	Reactivity Management Performance Indicator Adverse Trend	4/17/2008
784631	NRC Identified – Unit 1 SBGT Line Contact with Scaffold	6/9/2008
786762	U2 in Drywell Inlet Pressure Low Alarm	6/16/2008
795700	Roof Runoff Water Pooling on Top of SEC/TSC DG Storage Tank	7/11/2008
803468	Request CCA be Performed on Configuration Control Events	8/4/2008
808859	1C RHR Suction Valve Tripped Thermal Overload	8/20/2008
812175	NRC-Identified – Air Leakage Past Watertight Door 17	8/28/2008
815803	NRC-Identified: CRD Drive Water PCV Bypass	9/9/2008
818563	Observed Increase in U2 Offgas Pre-Treat XE-133 Activity	9/16/2008
819234	2B21-F016 & 2B21-F019 Not Tested	9/18/2008
823046	Failed PMT For WO# 384652, 2B Fuel Pool Cooling PP	9/26/2008
823530	Exceeded Thermal Limit During L1M18 Shutdown	9/28/2008
827452	Perform Root Cause Investigation for L1C12 Fuel Failures	10/7/2008
828198	NOS ID: D Operations Declining Performance Trend	10/8/2008
833268	SBLC Solution Temperature Low	10/20/2008
837037	SBLC Solution Tank Temperature Low	10/28/2008
839821	Water in TSC/IS DG Storage Tank Sample	11/3/2008
843802	CRD 26-35 High Temp Alarm	11/12/2008
844283	Unexpected Group 1 MSIV Half-Isolation Signal	11/12/2008
846571	“A” RR Pump Oil Level Alarm Causing Div 1 125V Ground Alarm	11/18/2008
847325	LOS-DG-M2 Requires Procedure Change	11/19/2008
848993	NRC Potential Finding; Transient Combustibles	11/24/2008
855280	Transient Combustible Compliance Issues	12/11/2008
855678	Ice Buildup on Top of the TSC/SEC DG Fuel Oil Storage Tank	12/12/2008
856949	U-1 MSL Hi Rad Alarm Spike	12/16/2008
856961	1C11-R600 U1 CRD FCV Oscillating in Auto	12/16/2008
857522	NRC-Id'D: Reported Unavailability for RHR When Not Required	12/17/2008
861035	NRC-Identified - Water Identified on a VC/VE Platform	12/29/2008
863045	Operations Crew 6 Clock Reset	1/6/2009
864514	2A RR FCV Drifting While Locked-Up and Pumps Off	1/9/2009

CORRECTIVE ACTION PROGRAM DOCUMENTS REVIEWED

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
865886	Div 2 Visual Annunciator Power Supply Failure	1/13/2009
866819	CA Management Review Completed Late	1/14/2009
868063	NRC-Identified – Standing Order Not Screened IAW 50:59	10/17/2007
868501	Control Rod 34-59 Took 20 Minutes to Insert	1/19/2009
872750	U2 RFB Mast – Braided Wire Load cable 1 of 2 Failed	1/28/2009
876016	A OB MSIV Accumulator Fails Drop Test	2/4/2009
881009	EHC System HYD Fault Setting Incorrect	2/16/2009
883503	Untimely IR Resolution	9/21/2009
889586	Adverse Trend in IMD Performance	3/6/2009
898146	Additional Discrepancies with ISI Documentation	3/26/2009
900378	Hi-Rad Area around cask well drain needs to be disassembled and removed	3/31/2009
902423	Operator Work Around Board Meeting Results	4/3/2009
910096	NRC-Identified Dry Sight Glass for VG Loop Seal	4/21/2009
919000	Perform a CCA for Level 5 Rm Events – 2008	5/13/2009
919624	ACE Requested for IR 908769, RO – Mode Switch Issue	5/14/2009
921752	2A RR FCV Actuator Seal Leakage	5/19/2009
923160	Unit 1 Scram Due to 1W MPT Lightning Arrestor Failure	5/22/2009
924545	CH Identifies Possible Trends in Recent HU Performance	5/27/2009
925331	Adverse Trend in Even Free Clock Resets at LaSalle	5/29/2009
926304	Color Banding between Units does not Match	6/1/2009
926589	1B RR Pump Outer Seal Degrading	6/2/2009
930540	Request CCA on LaSalle Configuration Control Events	6/12/2009
934253	Observed Increase in U1 Offgas Pre-Treat Activities	6/23/2009
955588	NRC Question on ARI Initiation During U2 Scram	8/20/2009
956315	Unit 1 and 2 DEHC Surveillances Not Performed	8/21/2009
990437	Proc. Comp. Not Capturing Rod Moves During U- 2 CRD Cycling	11/8/2009
993280	NRC IDD – Effectiveness of Performance Indicators Questioned	11/13/2009
995883	NRC ID: WO Not found for High Radiation Barrier Removal	11/19/2009
995957	Contingency Package Left Open for Extended Period	11/19/2009
683820	CDBI Lessons Learned LOCA Block Start Calculation	10/12/2007
691865	2B RHR Seal Cooler Has a Low Flow Rate of 10.2 GPM	10/30/2007

CORRECTIVE ACTION PROGRAM DOCUMENTS REVIEWED

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
692247	Conflicting Procedures Need Revision	10/31/2009
702329	Wrong Transducer Used for Test Results in Bad Data	11/21/2007
705226	PI&R Insp – NRC Identified the Need for Better Documentation	11/29/2007
706551	Applicability of Dresden MOV Concern to LaSalle	12/3/2007
707882	Plant Walkdown with NRC	12/6/2007
710706	1B DG Oil Cooler Outlet Temp Gauge 1E22-R531 Reads Low	12/12/2007
711140	System Trending Identifies Margin Issue	12/13/2007
714115	Revise Procedures LIS-PC-121(221)	12/20/2007
716242	Design Eng IDs Non-Conservative Step in CC-AA-112 Rev 12	12/28/2007
728597	1B21-F513B Moderate Packing Leak	1/29/2008
728626	1ES002 Severe Packing Leak	1/29/2008
737253	Engineering Not Following Procedure ER-AA-340-2000 as Written	2/16/2008
770555	Hydrogen Found in Bearing 10 Casing	5/1/2008
791008	1E12-F042B Examine MOV Motor for Magnesium Rotor Degradation	6/27/2008
796221	1FP125 RB Ring Header Stop Valve Minor Leak	7/14/2008
836452	U1 Small RCIC Turbine Steam Leak Previously Identified	10/27/2008
852332	Triennial EH&S Audit 2008 Findings and Recommendations	12/4/2008
864964	Extent of Condition Review for Unit 2 Spent Fuel Pool	1/9/2009
888535	Calibrate 2FI-FC038 Before Performing LOS-FC-Q1 on 5/25/2009	3/4/2009
912034	Replace the 1E12-F064C Valve in L1R15	4/27/2009
926938	OE on Jet Pump Slip Joint Clamps Applicable to LSCS	6/2/2009
948170	NRC-Identified: No Emergency Restoration Att for Los-SC-Q1	7/31/2009
953484	NRC Question: SBLC Availability During Surveillance	8/14/2009
955487	Boroscope MOV Motor for 2E12-F024B in L2R13	8/20/2009
968594	Active Oil Seepage from Thrust Bearing Oil Return Box Cover	9/22/2009
986109	RM – Suspended U-1 RR HPU Subloop Swap PMID's	10/29/2009
987190	B1 RR HPU Subloop Discharge Pressure Found High	11/1/2009
988238	CAPR Unable to be Complied with, Needs Revision	11/03/2009

CORRECTIVE ACTION PROGRAM DOCUMENTS REVIEWED

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
ACE 736609	Water Issues from Valve Bonnet Due to Insufficient Draining	2/14/2008
ACE 737220	IVVI (In-Vessel Visual Inspection) Examinations Performed with Expired Visual Acuity	2/7/2008
ACE 737253	System Engineering Failed to Use Empirical Data When Determining Tube-Plugging Limits	2/16/2008
ACE 757852	Spurious Technical Support Center Emergency Makeup Unit Start	4/1/2008
ACE 775338	2B Diesel Engine Trip Up with Lockout Reset	5/14/2008
ACE 851075	Late Identification of Degrading Trend on Control Valve #3 LVDT	12/1/2008
ACE 869141	Unit-2 RPV Head Lift Stopped Due to High Indicated Weight	1/20/2009
ACE 870845	Replacement of 0VE04CA Compressor Due to Anomalous Head Temperatures	11/19/2008
ACE 909987	NOS Identified Numerous Deficiencies in the Implementation of SystemIQ	2/20/2009
CCA 890184	E-5 to E-1 Stability Due to Negative Trend	4/8/2009
CCA 905332	Historical EHC Pump Performance	4/30/2009
CCA 914651	Human Performance Issues Identified in NOS Review	5/21/2009
RCR 742287	Failure of Turbine Speed Detection System While Synching the Generator to the Grid	4/28/2008
RCR 825873	Excessive Hydrogen Leakage on Unit 1 Main Generator Hydrogen Seal	10/30/2008
RCR 881009	Electro-Hydraulic Control (EHC) System Hydraulic Transmitter Fault Setting Incorrect Due to Ineffective Review of Software File Changes	2/5/2009
RCR 920759	Abnormal Knocking Noise and High Vibrations on 0VE04CA Refrigeration Compressor	7/9/2009
RCR 923335	Untimely Recognition that No Steam Packing Exhauster Blower was Running	7/2/2009
886819	2C CD/CB Min Flow Failed Open, MCR Unexpected Alarm	2/28/2009
824848	Rod 34-31 Withdraw Speed is Too Fast	10/1/2008
683288	Thermography Identifies Minor Hotspot in 1W MPT Cabinet	10/11/2007
687932	A VE Oil Temperature Has Approached 155 Degrees F	10/22/2007
688935	Part 21 for 2B DG Air Start Solenoid Valve Never Installed	10/24/2007
696350	Bolted Bus Connections May Need Replacement	11/08/2007
699827	Emergent Work Impacts Work Planning Daily Planning	11/15/2007
709276	0VE09YB Damper Failure	12/09/2007
713811	FT-VR026 Loop May be OOT	12/19/2007

CORRECTIVE ACTION PROGRAM DOCUMENTS REVIEWED

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
713225	Potential Thread Engagement Issue on 2B D/G Emergency Stop	12/18/2007
723586	Unknown High Conductivity Input in RW Floor Drain	1/17/2008
729396	NOS ID: Issues Regarding the 1A 24VDC Battery Charger	1/31/2008
736409	0PL31J High Rad Area is Contaminated	2/14/2008
740511	Apparent Seat Leakage by 1E12-F064B	2/25/2008
741586	No EPN FW Process SPL Valve Isolation Valve Doesn't Isolate	2/27/2008
754492	Nesting on B Radwaste Crane Intermittent Issues	3/25/2008
763535	ECP Probe for Unit 1 is Degrading	4/15/2008
778769	Did Not Receive ERO Page	5/23/2008
785154	2VD05C Tripped	6/11/2008
861648	Temporary Catch Basin Used As A Permanent Solution	12/31/2008
863162	OPEX Review of Susquehanna OE 28038	1/06/2009
866492	Did Not Receive ERO Page on 1/12/2009	1/14/2009
868523	SRM A Signal to Noise Ratio	1/19/2009
873905	Particulate Slightly Elevated in RCIC Turbine Oil	1/30/2009
934253	Observed Increase in U1 Offgas Pre-Treat Activities	6/23/2009
934958	A Train VE Inleakage Into CRE is Greater Than Allowed	6/24/2009
964856	Inaccurate Does Estimation on Work Task	9/14/2009
965049	1PA06J Westinghouse 7300 Panel	9/15/2009
969345	Classification of MS Branch Piping & Components	9/23/2009
990192	U-1 Turb Bldg CAM Alarm	11/7/2009
991337	Miscellaneous Automatic Control System Power Failure	11/10/2009
ACE 681645	2ILT Students Fail Systems Final Exam	12/07/2007
ACE 696564	Cask Shoring Makes Contact With HIC During Loading	12/14/2007
ACE 695614	Drywell Floor Drain Sump Fill-Up Rate/Pump Discharge Flow Recorder Failed	12/28/2007
ACE 748777	NOD ID'd Concerns With the Implementation of LS-AA-106, Plant Operations Review Committee (PORC)	4/30/2008
ACE 769736	The 2A DG Room Exhaust Damper 2VD11YA/B Did Not Open As Expected	7/10/2008
ACE 869141	Unit-2 RPV Head Lift Stopped Due to High Indicated Weight	2/26/2009
ACE 890180	New Disc Installed in 2B21-F032A With Potential Weight Difference	4/16/2009

CORRECTIVE ACTION PROGRAM DOCUMENTS REVIEWED

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
ACE 900673	Low Service Water Pressure and Shutdown of 1A Service Water Pump Due to FME (Foreign Material Exclusion) Concerns From Dive Activity in the Service Water Tunnel	5/05/2009
ACE 908791	EHC Software Modification Not Performed	6/09/2009
ACE 954664	1ES065 Stem Disc Separation	10/01/2009
ACE 969479	IMD Technician Exceeded the GL 82-12 Overtime Guideline as Specified in LS-AA-119	10/29/2009
RCE 827452	L1C12 Nuclear Fuel Failures	11/06/2008

OPERATING EXPERIENCE

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
521373	OE23020 Potential for RCIC Water Hammer- Nine Mile Point 2	08/18/2006
578711	MOV OPEX OE23797- Corporate Engineering Action Plan	01/12/2007
665602	OPEX- LaSalle County Station SME Review of OE25373	08/28/2007
669975	OPEX- LaSalle County Station Review of Green NER- 07-057	09/11/2007
674693	IN 2007-24 Summary of 2006 FFD Performance Reports	09/24/2007
678868	IN 2007-29 Operability Effects of Temp Scaffolding	10/02/2007
684958	Fleet Review of Operating Experience Report 24759	10/15/2007
719685	NER NC 07-044 Rev 1 Red- Essential Service Water Piping	01/09/2008
736805	NER NC-08-007 Yellow Fleet Actions-TMI High Rad Area Event	02/15/2008
737688	NER NC-08-009 Yellow- Security Force Members Lapsed Qualls	02/18/2008
904247	IN 2009-04 Age-Related Constant Support Degradation	04/07/2009
830408	RIS 2008-23 GTRI for High Risk Radiological Material	10/13/2008
OE07-001	Operability Evaluation, Reactor Vessel Jet Pump 19 Instrumentation Line (IR 581231)	Revision 2
OE07-002	Operability Evaluation, Emergency Diesel Generators, Diesel Fuel Storage Tanks, Diesel Fuel Day Tanks: Use of Ultra-Low-Sulfur Diesel will Require Increased Fuel Storage Volume (IR 612524)	Revision 5

OPERATING EXPERIENCE

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
OE08-003	Operability Evaluation, Unit 1 and 2 Division 3 Batteries 1DC18E and 2DC18E, Unit 1 and 2 HPCS Pump Breakers 1AP07E (S35) and 2AP07E-004 (S35) Alternate Breaker Sequence Possible during a LOOP-LOCA (IR 792505)	Revision 1
OE08-005	Operability Evaluation, OVE04CB, Refrigerant Compressor subject to internal damage due to liquid refrigerant slugging during startup	Revision 5
OEE08-02	Operability Evaluation, Unit 1 and 2 Diesel Generators Air Inlet Temperature Rating Issues (IR 744660, IR 746204)	Revision 0

AUDITS, ASSESSMENTS AND SELF-ASSESSMENTS

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
NOSA-LAS-09-03	Security Plan, FFD, Access Authorization, and PADS (AR 858488)	Revision 2
NOSA-LAS-09-01	Corrective Action Program (AR 859231)	Revision 2
NOSA-LAS-09-06	LaSalle Radiation Protection Program (AR 862840)	Revision 0
848279-03	Preparation for NRC PI&R Inspection	11/2-20/2009
848253-03	Security	
848244-02	SOER [Significant Operational Event Report] 01-1 Implementation Assessment	
878991-02	Employee Concerns Program Check-In Assessment	10/2009
917330-02	Safety Culture Monitoring	6/5/09
	Executive Review of Exelon Nuclear's Learning Programs	August 2009
707328-04	Operating Experience Results Measurement Review	08/27/09
707328-04	Operating Experience Check-In Assessment	12/17/08
713021	Maintenance Functional Area Audit	2/6/2008
848238	Maintenance Rigging and Lifting Program Check-In Assessment	3/31/2009
912557-01	Mechanical Maintenance Document of Work Issues Check-In Assessment	12/15/2009
912590-01	Check-In Assessment to Review Documentation of Work Issues	12/29/09
908683-01	Low Level Performance Issues in IMD	12/31/2009
907966	Management Directed Assessment Plan Maintenance Red Rating	09/15/09
2007 AFI CM.4-2	Fuel Failures Check-In Self-Assessment Report (861374) Performance Gap Resolution in L2R12 outage	12/30/2008

AUDITS, ASSESSMENTS AND SELF-ASSESSMENTS

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
ACE 681645-02	2 ILT Students Fail Systems Final Exam	9/28/2007
ACE 744606	ACE- Investigation Fluctuations Observed in Instantaneous Reactor Power	3/4/2008
ACE 919624	Three Reactor Operators Fail to take Mode Switch to Shutdown during a Training Scenario	5/14/2009
CCA 919000-02	Level 5 Reactivity Management Issue Trends	6/4/2009
CCA 924545-02	Common Cause Analysis : Data Review of Items that Contain a Human Performance Element in LaSalle Chemistry in 2009	6/18/2009
CCA 925331-02	Common Cause Analysis: Adverse Trend in LaSalle Event Free Clock Resets	1/1/- 6/1/2009
CCA 930540-02	Common Cause Analysis of LaSalle Configuration Control Events	9/2007 – 6/2009
NOSA-LAS-07-07	Operations Functional Area (AR 576590)	11/12 – 11/30/2007
RCE -727361-03	Unit 1 Channel Distortion Root Cause Report	2/23/2008
RCE 823530	Root Cause Investigation: Unplanned Thermal Limit LCO Entry During L1M18 Shutdown	11/11/2008
RCE 827452-02	Root Cause Investigation: L1C12 Nuclear Fuel Failures	11/6/2008
RCE 923160	Root Cause Investigation: Ground Across the Unit 1 West Main Power Transformer Surger (Lightning) Arrester resulting in a Scram	7/8/2009
707328	OPEX Check-In Assessment	12/17/2008
828627-03	2008 CREHP Program Assessment	1/21/2009
862824	Engineering Design Control Audit NOSA-LAS-09-05	8/20/2009
713027	Engineering Programs and Station Blackout Audit Report NOSA-LAS-08-05	7/2/2008
861376-01	Plant Systems – Performance Monitoring Check-In	6/30/2009
848177-02	ISI Program Preparedness for L2R12 NRC Inspection	1/29/2009

CONDITION REPORTS GENERATED DURING INSPECTION

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
993280	NRC-IDD—Effectiveness of Performance Indicators Questioned	11/13/2009
996319	NRC ID: Review of Maintenance Documentation CCA#882701	11/20/2009
995883	NRC ID: WO [Work Order] Not Found for High Radiation Barrier Removal	11/19/2009
996372	NRC ID: WO 605660 Closed with No Work Performed	11/20/2009

CONDITION REPORTS GENERATED DURING INSPECTION

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
995957	Contingency Package Left Open for Extended Period	11/18/2009
989540	NRC ID'D: Previously Identified Issue Waiting Resolution	11/5/2009
989527	NRC PI&R 1(2)PL15J and 1(2)PL75J Reliability	11/4/2009
988746	NRC ID: CC-AA-112 Note Not Included in T-MOD Work Packages	11/4/2009
995934	Documentation Issues With Regard to CAP/OPEX Investigations	11/19/2009
995581	NRC Recommendation Regarding OPEX Use In CAP Investigations	11/19/2009

MISCELLANEOUS

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
816066	(A)(1) Action Plan Development RR-02 (Subloops)	Revision 0
930416	(A)(1) Action Plan Development AN-01 (Unit 2)	Revision 0
891409	(A)(1) Action Plan Development RE-03	Revision 0
NES-MS-04.1	Seismic Prequalified Scaffolds	Rev. 5
IR 995336	Exelon Nuclear Issue – Statement of Confirmation: NRC Id; IR Actions Not Smarter	11/18/2009
	List of OpEvals, Associated IR and Status	2003 – 2009
	Plan of the Day	11/4/2009
	SOC Package	11/13/2009
	Summary of Open Work Arounds and Challenges	11/2007 – 11/2009

Work Orders

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
WO 01240425	2A OTBD MSIV 'Slow Test' P.B. Sticks	10/28/2009
WO 1071579	1B Diesel generator Load/Speed Drifts: Adjust Friction Drive, Replace Lid	7/2/2008
WO 1186297	1A RR FCV Movement with No Operator Input	1/14/2008
WO 844595	Fleet Work Package Documentation Continuation 806424	11/13/2008

Temporary and/or Permanent Plant Modifications

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
EC 369811	Remove Internals from EFCV 1G33-F389E	Revision 0
EC 369496	Install Vibration Monitoring for Main Turbine Control Valves CV2 and CV4	Revision 0

Temporary and/or Permanent Plant Modifications

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
EC 367757	Hook Up Instrumentation to Gather Data to See if an Offset is a More Viable Option for Main Turbine Back Pressure Indicators	1/10/2008
EC 371362	Bypassing the Reactor Recirc Flow Control Valve LVDT to RVDT Mismatch Alarm. The RVDDT Signal has Degraded.	7/10/2008
EC 373691	Correct Various P&ID Drawing Errors	Revision 0
EC 376196	Reduce OPS Burdens by Modifying RHR Interlocks	7/8/2009
EC 362940	Install Caldon Non-Intrusive Flow Measuring Instrument in Support of MWE Recovery Plan	Revision 0
EC 369498	Replace Double Block Drain Valves 1B21-F032A/B/C & 1B21-F303A/B/C With Equivalent Two (2) Single Valve Assemblies in Series Using Drawing IT-7000-M-PP-32 Installation Details	Revision 1
EC 376996	1(2)PA06J Westinghouse 7300 Panel-Power Supplies	Revision 0
EC 348186	DWFDS Flow Tube Modification	Revision 1

LIST OF ACRONYMS USED

AR	Action Request
CAP	Corrective Action Program
CFR	Code of Federal Regulations
DRP	Division of Reactor Projects
ECP	Employee Concerns Program
IN	Information Notices
IP	Inspection Procedure
MRC	Management Review Committee
NCV	Non-Cited Violation
NOS	Nuclear Oversight
NRC	U.S. Nuclear Regulatory Commission
OE	Operating Experience
PARS	Publicly Available Records
PI&R	Problem Identification and Resolution
SCWE	Safety-Conscious Work Environment
WO	Work Order

C. Pardee

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Sincerely,

/RA/

Kenneth Riemer, Chief
Branch 2
Division of Reactor Projects

Docket No. 50-373; 50-374
License No. NPF-11; NPF-18

Enclosure: Inspection Report 05000373/2009007; 05000374/2009007
w/Attachment: Supplemental Information

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Letter to C. Pardee from K. Riemer dated December 11, 2009

SUBJECT: LASALLE COUNTY STATION, UNITS 1 AND 2
PROBLEM IDENTIFICATION AND RESOLUTION (PI&R) INSPECTION
05000373/2009007; 05000374/2009007

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