

La Salle 1

Initiating Events

Mitigating Systems



Significance: Sep 30, 2002

Identified By: NRC

Item Type: NCV NonCited Violation

Essential Switchgear Room Degraded Fire Barriers

The inspectors identified dried paint on the side of a safety-related switchgear bus duct which led to the identification of openings between the Unit 1 and Unit 2 Division 1 and Division 2 Essential Switchgear Rooms. These openings compromised the 3-hour fire protection barrier separating the two fire zones. The issue was of very low safety significance since it was not likely that redundant safe shutdown equipment would be significantly impacted. A Non-Cited Violation of License Condition 25 concerning the LaSalle Unit 1 and Unit 2 Fire Protection Program was identified.

Inspection Report# : [2002005\(pdf\)](#)



Significance: Sep 30, 2002

Identified By: NRC

Item Type: NCV NonCited Violation

Inadequate Corrective Actions to Address Degraded Fire Barriers

A Non-Cited Violation of 10 CFR 50, Appendix B, Criterion XVI, "Corrective Action," was also identified due to the failure to take adequate corrective action to address a similar issue that occurred in June 2000.

Inspection Report# : [2002005\(pdf\)](#)



Significance: Sep 27, 2002

Identified By: NRC

Item Type: NCV NonCited Violation

Failure to Translate Starting Air System Design Basis Requirements into Specifications, Procedures, or Instructions

The inspection team identified a Non-Cited Violation (NCV) of 10 CFR Part 50, Appendix B, "Criterion III, Design Control," that applied to the air start systems for all the emergency diesel generators on both units. Specifically, the inspectors identified that the design basis requirement that the starting air systems have enough air to permit either five (Division 1 and 2 diesel generators) or three (Division 3 diesel generators) normal starts in rapid succession was not translated into specifications, procedures, and instructions. As a result, there was no objective evidence that the required starting air system capacity was being maintained. The finding was greater than minor based on the potential that degradation of the design basis capability of a starting air system would not be detected by the licensee. Degradation of the design function impacts the base probabilistic risk assessment values used for diesel generator reliability. The finding was of low safety significance because it does not represent an actual loss of the starting air system safety function. (Section 1R21.1)

Inspection Report# : [2002011\(pdf\)](#)



Significance: Sep 27, 2002

Identified By: NRC

Item Type: NCV NonCited Violation

High Pressure Core Spray Diesel Generator Fuel Oil Storage Tank Volumes on Both Units Incorrectly Calculated

The inspection team identified an NCV of 10 CFR Part 50, Appendix B, Criterion III, that applied to the fuel oil storage tanks for the high pressure core spray diesel generators on both units. Specifically, the inspectors identified that the licensee had incorrectly calculated the necessary volume for the fuel oil storage tanks. The finding was greater than minor based on the number of deficiencies associated with the diesel generator fuel storage tank capacities requiring preparation of new calculations and corrections to existing calculations, the updated final safety analysis report, the technical specification bases, to procedures, and, possibly, to the technical specifications themselves. The finding was of low safety significance because it did not represent an actual loss of the high pressure core spray diesel generator fuel oil storage volume as currently required by technical specifications. Furthermore, in the unlikely event that extended operation of the diesel generators was necessary, the licensee would likely be able to get fuel on site before the end of the seven day period. (Section 1R21.2)

Inspection Report# : [2002011\(pdf\)](#)



Significance: Sep 27, 2002

Identified By: NRC

Item Type: NCV NonCited Violation

Test Valves Modified to Ones Having a Different Form, Fit and Function and Change was Not Commensurate with Original Design

The inspection team identified an NCV of 10 CFR Part 50, Appendix B, Criterion III, that applied to all the emergency diesel generators on both units. The test control valves on the diesel heads of all five emergency diesels were replaced by valves having a different form, fit, and function. The licensee did not ensure that the change was commensurate with the original design. The finding was greater than minor because it involved the licensee failing to implement a required regulatory process. The finding was of low safety significance because of a warning currently in the licensee's procedure and the fact that the valves are only opened during surveillance. (Section 1R21.2)

Inspection Report# : [2002011\(pdf\)](#)



Significance: Jun 28, 2002

Identified By: NRC

Item Type: NCV NonCited Violation

Inadequate Drywell Sump Screen Design

Debris collected on the drywell floor clogged the drywell floor drain sump due to an inadequate sump screen design. This rendered the leakage detection system incapable of identifying increases in unidentified leakage as required by the Technical Specifications. The issue was of very low safety significance since other means remained available to detect an increase in unidentified leakage. A Non-Cited Violation of 10 CFR 50, Appendix B, Criterion III, "Design Control," was identified for the failure to design an adequate drywell floor drain sump screen.

Inspection Report# : [2002004\(pdf\)](#)



Significance: Jun 28, 2002

Identified By: NRC

Item Type: NCV NonCited Violation

1A EDG Governor Adjustment Error

Licensee personnel failed to properly perform a governor adjustment procedure associated with the 1A Emergency Diesel Generator (EDG) which unexpectedly rendered the EDG inoperable. The issue was of very low safety significance since the 1A EDG was restored to service within the Technical Specification Allowed Outage Time. A Non-Cited Violation of 10 CFR 50, Appendix B, Criterion V, "Instructions, Procedures, and Drawings," was identified.

Inspection Report# : [2002004\(pdf\)](#)



Significance: Mar 31, 2002

Identified By: NRC

Item Type: NCV NonCited Violation

Inoperable 0 Emergency Diesel Generator

Licensee personnel failed to properly evaluate a modification which reduced the size of the lube oil tubing used in the 0 Emergency Diesel Generator (EDG) which rendered the EDG inoperable. The issue was of very low safety significance since the 0 EDG was restored to service within the Technical Specification Allowed Outage Time and the redundant EDGs were available during the entire time that the 0 EDG was inoperable.

Inspection Report# : [2002003\(pdf\)](#)



Significance: Feb 16, 2002

Identified By: NRC

Item Type: NCV NonCited Violation

Inoperable 2A EDG

Licensee personnel failed to identify during work activities in March 2000, that a 2A Emergency Diesel Generator (EDG) governor guard clip was missing, which if installed, would have prevented a 2A EDG testing failure on November 7, 2001. The issue was of very low safety significance since the 2A EDG was restored to service within the Technical Specification Allowed Outage Time and the redundant EDG was available during the entire time that the 2A EDG was inoperable.

Inspection Report# : [2001019\(pdf\)](#)

Barrier Integrity

G

Significance: Dec 28, 2002

Identified By: Self Disclosing

Item Type: NCV NonCited Violation

Entry Into Region B of the Power-To-Flow-Map

Licensee personnel inadvertently placed Unit 2 in a prohibited region of the power-to-flow map during a control rod maneuver on November 10, 2002. Entry into this region increased the likelihood of power oscillations. The issue was of very low safety significance since no actual power oscillations occurred and the region was exited promptly after the condition was identified. A violation of 10 CFR 50, Appendix B, Criterion XVI, "Corrective Action," was identified since this condition had occurred previously, but had not been identified. (Section 40A3) Inspection Report# : [2002006\(pdf\)](#)

Emergency Preparedness

Occupational Radiation Safety

G

Significance: Sep 28, 2002

Identified By: Licensee

Item Type: NCV NonCited Violation

Improperly Posted and Controlled Locked High Radiation Area in Off Gas Building Cooler/Condenser room (= 1000 mrem/hour exactly).

Inspection Report# : [2002005\(pdf\)](#)

G

Significance: Jan 17, 2002

Identified By: Self Disclosing

Item Type: NCV NonCited Violation

ALARA Plan not implemented during Unit 1 refueling outage work on flow control valve.

The radiological engineering controls required by the ALARA Plan during the disassembly of the recirculation system flow control valve were not fully implemented, resulting in radioactive material intakes to three workers.

Inspection Report# : [2001019\(pdf\)](#)

G

Significance: Jan 11, 2002

Identified By: Self Disclosing

Item Type: NCV NonCited Violation

Technical Specification High Radiation Area access control problem.

Access to a high-high radiation area that existed in the drywell during the Unit 1 refueling outage was not adequately controlled because the area was not properly posted, roped-off/barricaded, and a flashing light was not activated as a warning device for entry into the area.

Inspection Report# : [2001019\(pdf\)](#)

Public Radiation Safety

G

Significance: May 18, 2002

Identified By: Self Disclosing

Item Type: NCV NonCited Violation

Inadequate survey of contaminated worker that alarmed a portal monitor.

Violation of Technical Specification 5.4.1 for the failure to perform an adequate radiological survey of a contaminated worker that alarmed the portal monitor, as required by procedure, which allowed a discrete radioactive particle to be released from the site undetected.

Inspection Report# : [2002004\(pdf\)](#)

Physical Protection



Significance: Jul 16, 2001

Identified By: NRC

Item Type: FIN Finding

Reduced Contingency Response

GREEN - An issue of low safety significance was identified pertaining to the impact of security computer failures on the response capabilities of the armed response force. (The details and significance determination discussion of this issue are considered Safeguards Information.)

Inspection Report# : [2001015\(pdf\)](#)

Miscellaneous

Last modified : March 25, 2003