LaSalle Nuclear Power Station

April 2, 2000 - March 31, 2001

• OPERATING SUMMARY

Unit 1 began the assessment period at full power. On January 31, 2001, Unit 1 automatically scrammed due to a failure associated with the main power transformer output to the switchyard, which initiated a main generator trip. The problem was repaired and Unit 1 was restarted and synchronized to the grid on February 3. Unit 1operated at power for the remainder of the assessment period.

Unit 2 also began the assessment period at full power. On June 22, 2000, Unit 2 automatically scrammed due to low reactor vessel water level caused by a feedwater control system transient. The problem was repaired and Unit 2 was restarted and synchronized to the grid on June 24. Unit 2 operated at power until November 10, when the unit was shut down for refueling outage L2R08. The unit was restarted and synchronized to the grid on November 30. Shortly thereafter, on December 1, Unit 2 automatically scrammed startup of the 2B turbine-driven reactor feedwater pump. Unit 2 was restarted and synchronized to the grid on December 2. Unit 2 operated at power until April 6, 2001, when the unit automatically scrammed due to a maintenance activity which blew a fuse in the feedwater control system. The Unit was restarted and synchronized to the grid on April 8, 2001. Unit 2 operated at power for the remainder of the assessment period.

• PREVIOUS ASSESSMENT

Plant performance for the three previous quarters (04/02/00 - 12/31/00) was within the Licensee Response column of the Action Matrix. No significant performance issues in any of the strategic performance areas were identified.

• CURRENT ASSESSMENT

The following non-resident inspections were accomplished during the cycle to develop this performance assessment: (1) Modifications and 50.59, (2) Emergency Preparedness, (3) Radiation Safety, and (4) Security. All 18 performance indicators (PIs) were GREEN at the end of the assessment period. All findings identified during the assessment period were either GREEN or NO COLOR and no significant cross-cutting issues were identified. Problems that resulted in the concerns discussed during the previous assessment have not recurred.

Recommended Assessment per Action Matrix: **Licensee Response Column**

Reactor Safety

• Initiating Events

Inspection Findings: One NO COLOR finding and NCV (10 CFR 50, Appendix B, Criterion V) was identified for the failure to have an adequate procedure to address a loss of feedwater heaters.

Performance Indicators: GREEN.

- ## Mitigating Systems

Inspection Findings: Four GREEN findings with two NCVs were identified:

One GREEN finding and NCV (10 CFR 50, Appendix B, Criterion III) was associated with a temporary modification which failed to recognize that a reactor recirculation pump safety interlock was defeated.

One GREEN finding was identified associated with the failure to perform ASME-required non-destructive examinations on RCIC piping following a modification activity.

One GREEN finding and NCV (10 CFR 50, Appendix B, Criterion XVI) was identified regarding the failure to identify piping in the suppression pool which represented a potential suppression pool suction strainer challenge.

One GREEN finding and NCV (License Condition 25) was identified regarding a degraded fire barrier between the Unit 1, Division 1 and Division 2 switchgear rooms.

Performance Indicators: GREEN.

- ## Barrier Integrity

Inspection Findings: None.

Performance Indicators: GREEN.

- ## Emergency Preparedness

Inspection Findings: None.

Performance Indicators: GREEN

Radiation Safety

- ## Occupational Radiation Safety

Inspection Findings: None.

Performance Indicators: GREEN

- ## Public Radiation Safety

Inspection Findings: None.

Performance Indicators: GREEN.

Safeguards

- **Physical Protection**

  Inspection Findings: None.

  Performance Indicators: GREEN.

- **CROSS-CUTTING AREAS (based on review of PIM & docketed correspondence)**

  - **Human Performance:** As discussed above under Initiating Events, one NO COLOR finding and associated NCV was identified for the failure to have an adequate procedure to address a loss of feedwater heaters.

  - **Safety Conscious Work Environment:** No issues or findings.

  - **Problem Identification and Resolution:** As discussed above under Mitigating Systems, one GREEN finding, with a NCV, was identified regarding the failure to identify piping in the suppression pool which represented a potential suppression pool suction strainer challenge.

- **LICENSEE AND NRC ACTION ON SAFETY SIGNIFICANT ISSUES**

  - **Follow-up Actions Taken:** None.

  - **Follow-up Action Planned:** There are no other supplemental inspections planned. (NOTE: The supplemental inspection performed the week ending April 14, 2001, as a follow-up to a Unit 2 trip is outside the assessment period.)

  - **Issues No Longer Safety Significant:** None.

- **OTHER ISSUES**

  - **PI Verification:** No significant issues were identified.

  - **Violations Which Fell Outside The SDP Process (including non-SDP escalated enforcement):** None.

- **RECOMMENDED INSPECTION PLAN**

  No inspections beyond baseline procedures are needed. See attached Report 22 for listing of baseline inspections, including outage activities.

- **ACTION MATRIX SUMMARY**

  All actions required by the Action Matrix to date have been completed. No further actions are necessary.

Attachments:
Plant Issues Matrix
Proposed Inspection Plan (Report 22)
November 2000 Mid-Cycle Letter
Performance Indicator Summary
Inspection Findings Summary