PLANT PERFORMANCE SUMMARY

PREDECISIONAL

CALLAWAY PLANT

Assessment Period: **January 2002** through **June 2002** (includes data from July 2001 through June 2002)

I Operating Summary

The plant operated at essentially 100 percent power until December 3, 2001, when the unit was shut down to repair a stator cooling water leak into the main generator. The unit was restarted on December 6 and reached full power on December 8. The unit remained at full power until January 31, 2002, when it was shutdown to inspect the CST cover. The unit was restarted on February 15. On May 6, power was reduced to approximately 70% to perform work on a main feedwater pump. The plant returned to 100 percent on May 7 and operated at essentially full power for the remainder of the period.

II Performance Overview

A. Current Overall Assessment

Overall plant performance is in the Regulatory Response Column of the Action Matrix, as a result of a White finding in the Mitigating Systems cornerstone in February 2002.

B. Previous Assessment Results

In the first quarter of 2002, plant performance was in the Degraded Cornerstone column as a result of two White findings in the Mitigating System cornerstone (ESW pump in June 2001 and the AFW issue in February 2002). Prior to that, the licensee was in the Regulatory Response Column as a result of the inoperable ESW pump issue identified the 2nd quarter of 2001.

III Inspection and Performance Indicator Results

A. Results by Strategic Performance Areas and Cornerstones

Reactor Safety

- ***Initiating Events***

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 5
FOIA- 2003-0180

B11

Inspection Findings: No findings were identified during the most recent quarter, and no findings were identified during the previous two quarters.

Performance Indicators: All three performance indicators were green throughout the inspection cycle.

- **Mitigating Systems**

Inspection Findings: Over the course of the assessment period (the last six months), the inspectors identified a number of green findings that were examples of problem identification and resolution issues. Specifically, (1) a noncited violation of 10 CFR Part 50, Appendix B, Criterion XVI, occurred when the licensee failed to take adequate corrective actions to repair, and prevent recurrence, of a deficiency associated with an EDG overspeed trip switch (July 6, 2002), (2) a noncited violation of 10 CFR Part 50, Appendix B, Criterion XVI, occurred when the licensee failed to address a flow anomaly condition in AFW Train B that had existed between February 2000 and March 2001 (March 13, 2002), (3) a White issue was identified regarding the licensee's failure to identify and correct a significant condition adverse to quality involving foreign material in the CST. Additionally, a finding was identified regarding the licensee's poor performance associated with missed opportunities to identify and correct the degraded CST cover (February 27, 2002), and (4) a noncited violation of 10 CFR Part 50, Appendix B, Criterion XVI, occurred when the licensee failed to take corrective action to correct abnormally high vibration on both motor-driven AFW pumps (February 8, 2002).

During the past 12 months, in addition to the above-listed items, the following corrective action issues were identified: (1) A noncited violation of 10 CFR Part 50, Appendix B, Criterion XVI, occurred when a previously identified condition, associated with auxiliary feedwater minimum discharge pressure and recirculation flow, had not been corrected (November 26, 2001); and (2) a noncited violation of 10 CFR Part 50, Appendix B, Criterion XVI, occurred when the licensee failed to take corrective action to ensure flood doors leading into the emergency core cooling system pump rooms were properly controlled (October 7, 2001).

Additional findings included one item regarding failure to implement [redacted] one finding associated with foreign material (leather pouch in the condensate transfer system)(4/23/02); one item regarding inadequate maintenance instructions resulting in maintenance personnel not [redacted]

Performance Indicators: All five performance indicators were green throughout the inspection cycle.

Barrier Integrity

Inspection Findings: No findings were identified during the most recent quarter, and no findings were identified during the previous two quarters.

Performance Indicators: The two performance indicators were green throughout the inspection cycle.

Emergency Preparedness

Inspection Findings: No findings were identified during the most recent quarter, and no findings were identified during the previous two quarters.

Performance Indicators: The three performance indicators were green throughout the inspection cycle.

Radiation Safety

Occupational Radiation Safety

Inspection Findings: There were two green findings identified during this inspection cycle. The findings were associated with [redacted] Exemption 5

Performance Indicators: The performance indicator (Occupational Exposure Control Effectiveness) was green throughout the inspection cycle.

Public Radiation Safety

Inspection Findings: Two green findings were identified during this inspection cycle. The findings were associated with [redacted] Exemption 5

Performance Indicators: The performance indicator (Public Radiation Safety) was green throughout the inspection cycle.

Safeguards

Physical Protection

Inspection Findings: No findings were identified during the previous three quarters.

Performance Indicators: The performance indicator was green throughout the inspection cycle.

IV. Other Issues

A. Inspection Results for Cross-Cutting Areas

"Human Performance: No significant issues or findings.

"Safety-Conscious Working Environment: No issues or findings.

"Problem Identification and Resolution: Over the course of the assessment period, the inspectors identified six Green findings and one White finding that were examples of poor implementation of corrective actions.

A noncited violation of 10 CFR Part 50, Appendix B, Criterion XVI, occurred when the licensee failed to take adequate corrective actions to repair, and prevent recurrence, of a deficiency associated with an EDG overspeed trip switch (July 6, 2002).

A noncited violation of 10 CFR Part 50, Appendix B, Criterion XVI, occurred when the licensee failed to address a flow anomaly condition in AFW Train B that had existed between February 2000 and March 2001 (March 13, 2002).

A White issue was identified regarding the licensee's failure to identify and correct a significant condition adverse to quality involving the degradation of the CST cover and subsequent introduction of foreign material into the CST. Additionally, a finding was identified regarding the licensee's poor performance associated with missed opportunities to identify and correct the degraded CST cover (February 27, 2002).

A noncited violation of 10 CFR Part 50, Appendix B, Criterion XVI, occurred when the licensee failed to take corrective action to correct abnormally high vibration on both motor-driven AFW pumps (February 8, 2002).

A noncited violation of 10 CFR Part 50, Appendix B, Criterion XVI, occurred when a previously identified condition, associated with auxiliary feedwater minimum

discharge pressure and recirculation flow, had not been corrected. (November 26, 2001)

A noncited violation of 10 CFR Part 50, Appendix B, Criterion XVI, occurred when the licensee failed to take corrective action to ensure flood doors leading into the emergency core cooling system pump rooms were properly controlled. (October 7, 2001)

B. Performance Indicator Verification

PI verifications did not identify any deficiencies or discrepancies. In accordance with the Enforcement Policy, no enforcement action was taken.

C. Non-SDP Enforcement Action

None.

V. Miscellaneous Topics/Conclusions/Recommendations

Proposed inspection plan:

A 95002 supplemental inspection pertaining to inoperability of the auxiliary feedwater pump will be performed in August 2002.

Followup on PI&R issues during the 95002 inspection and the PI&R inspection scheduled for December 2002.

[redacted] exemption 5

VI. Attachments

PIM for previous 12 months (1)
Proposed Inspection Plan through March 31, 2003
Previous OEC Assessment Letter
Inspection Strategy – don't have
PIs for the latest quarter (2)

(1) www.nrc.gov/NRR/OVERSIGHT/ASSESS/CALL/call_pim.html#IE1st

(2) www.nrc.gov/NRR/OVERSIGHT/CALL/call-chart.html

CALLAWAY