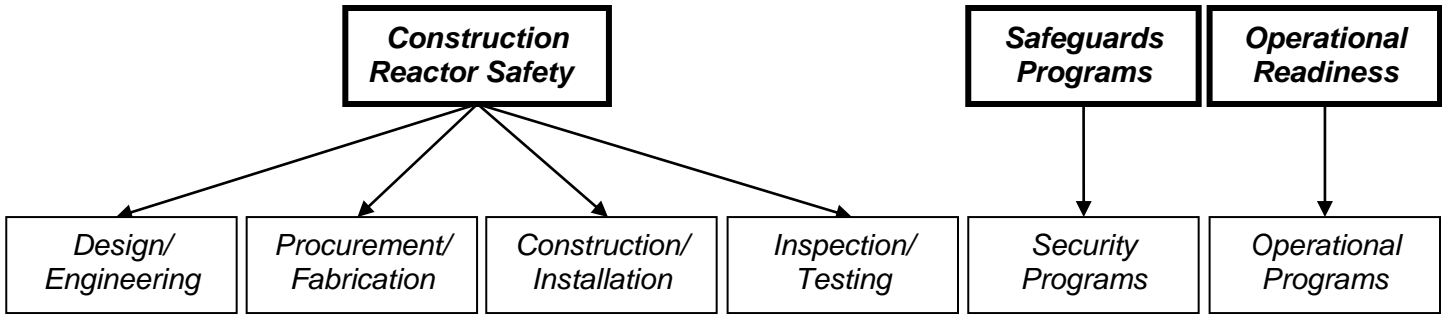


Summer Unit 2 4Q/2013 Performance Summary

[Construction Action Matrix Column:](#)
[Licensee Response](#)



Most Significant Inspection Findings

| | | | | | | |
|---------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 4Q/2013 | No findings this quarter | No findings this quarter | No findings this quarter | No findings this quarter | No findings this quarter | No findings this quarter |
| 3Q/2013 | No findings this quarter | No findings this quarter | No findings this quarter | No findings this quarter | No findings this quarter | No findings this quarter |
| 2Q/2013 | No findings this quarter | No findings this quarter | G | No findings this quarter | No findings this quarter | No findings this quarter |
| 1Q/2013 | G | No findings this quarter | No findings this quarter | No findings this quarter | No findings this quarter | No findings this quarter |

Additional Inspection and Assessment Information

- ❖ [List of Construction Inspection Reports](#)
- ❖ [List of Construction Assessment Reports/Inspection Plans](#)

Design Engineering

Identified By: NRC

Identification Date: 2/12/2013

Significance: Green

Item Type: ITAAC Finding

Failure to correctly translate requirements for Anchorage and Spacing of Headed Shear Reinforcement in Structural Components of the Nuclear Island into design specifications, drawings, procedures, and instructions.

The inspectors identified a green finding and NCV of 10 CFR Part 50, Appendix B, Criterion III, "Design Control" for the licensee's failure to assure that applicable regulatory requirements were correctly translated into design specifications, drawings, procedures, and instructions. The inadequacy resulted in multiple instances where the design of anchorage and spacing of the headed shear reinforcement for structural components of the nuclear island (NI) did not comply with the provisions of the "Code Requirements for Nuclear Safety Related Concrete Structures (ACI 349-01)," as required by the Updated Final Safety Analysis Report (UFSAR). While the design of portions of the nuclear island basemat and wall structures failed to meet the requirements of the UFSAR and ACI 349-01 for the design and spacing for shear reinforcement, the design function of the impacted structure was not impaired, even if completed as initially proposed. That is, the structures would have still performed their intended safety function.

The circumstances surrounding the violation were described in detail in inspection report 05200027/2013-008. The reason for the violation, the corrective actions taken and planned to correct the violation and prevent recurrence, and the date for full compliance were well communicated to the agency during the Regulatory Conference held on April 30, 2013. Because this violation was of very low safety significance and it was entered into the licensee's corrective action program as PIP 0-L-12-0610, this violation is being treated as a non-cited violation (NCV), consistent with the Enforcement Policy.

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Procurement/Fabrication

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Construction/Installation

Identified By: NRC

Identification Date: 6/30/2013

Significance: Green

Item Type: Construction Finding

Failure to Document and Process a Nonconformance

The inspectors identified a technical finding and non-cited violation (NCV) of 10 CFR 50, Appendix B, Criterion V, for the licensee's failure to identify, evaluate, and correct nonconforming steel reinforcing bars in accordance with documented procedures. The licensee initiated condition report (CR) NND-13-00448 to document this finding in their corrective action program.

This performance deficiency had a greater than minor safety significance because it was similar to the "not minor if" statement of construction issue example 19 in Appendix E to IMC 0613P. The finding was a technical finding associated with the construction/installation cornerstone and was evaluated under the construction significance determination process as outlined in IMC 2519P, Appendix A. This finding was of very low safety significance (Green) because it was determined to be a construction finding and was

dispositioned use-as-is. This finding was associated with the Procedural Compliance aspect in the Work Practices component of the construction cross-cutting area of Baseline Inspection.

Identified By: NRC

Identification Date: 6/30/2013

Significance: Green

Item Type: Construction Finding

Failure to correct conditions adverse to quality

The inspectors identified a technical finding and NCV of 10 CFR 50, Appendix B, Criterion XVI for the licensee's failure to ensure that conditions adverse to quality were corrected. The licensee initiated CR NND-13-00575 and nonconformance and disposition (N&D) report VS2-CE50-GNR-000016 to document this finding in their corrective action program.

This performance deficiency had greater than minor safety significance because the uncorrected conditions could render the quality of construction activities and installed items unacceptable or indeterminate. The finding was a technical finding associated with the construction/installation cornerstone and was evaluated under the construction significance determination process as outlined in IMC 2519P, Appendix A. This finding was of very low safety significance (Green) because the identified condition did not impair the design function of a system or structure listed in the construction significance determination process risk importance table. This finding was associated with the Human Error Prevention Techniques aspect in the Work Practices component of the construction cross cutting area of Baseline Inspection.

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