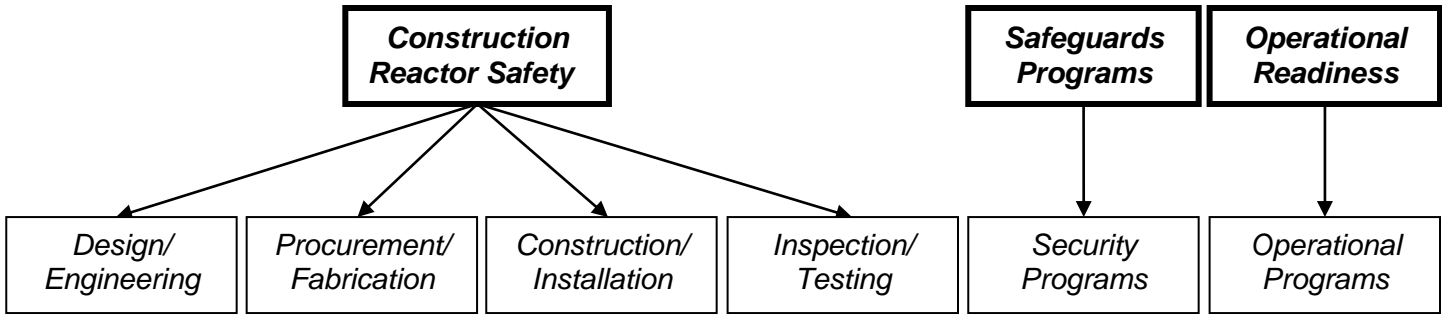


V.C. Summer Unit 3 2Q/2016 Performance Summary

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



Most Significant Inspection Findings

2Q/2016	No findings this quarter	No findings this quarter	No findings this quarter	G	No findings this quarter	No findings this quarter
1Q/2016	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter
4Q/2015	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/2015	No findings this quarter	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](#)
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Inspection/Testing

Identified By: NRC

Identification Date: 06/30/2016

Significance: Green

Item Type: ITAAC Finding

Excessive Reinforcement on Unit 3 CA20 Welds

The inspectors identified an ITAAC finding of very low safety significance (Green) and associated NCV of 10 CFR Part 50, Appendix B, Criterion X, "Inspection," for SCE&G's failure, through their contractor WEC, to identify nonconforming welds on a safety-related structure as required per quality control inspection plans. Section 3.8.3.2 of the Updated Final Safety Analysis Report (UFSAR) requires compliance with American Welding Society (AWS) D1.1:2000. The inspections were required by a contractor's quality control (QC) inspection plan F-S561-007, "AWS D1.1 – Visual Weld Inspection - Carbon Steel." The licensee entered this issue into their corrective action program as CR-NND-16-00854.

The finding was associated with the Inspection/Testing cornerstone. The inspectors determined the performance deficiency was more than minor following the guidance in IMC 0613, "Power Reactor Construction Inspection Reports," Appendix E, because the issue represented a substantive failure to implement an adequate quality oversight function. Specifically, a visual welding inspection of a safety-related structure failed to identify nonconforming welds. The inspectors evaluated the finding using the construction significance determination process and determined the finding was of very low safety significance (Green) because there was reasonable assurance that the CA20 module would have been able to meet its design function. The finding was determined to be an ITAAC finding because it was material to the acceptance criteria of Unit 3 ITAAC 763 (3.3.00.02a.i.d). The acceptance criteria of this ITAAC requires the as-built structures in the radiologically controlled area of the auxiliary building, including the critical sections, conform to the approved design and withstand the design basis loads specified in the Design Description without loss of structural integrity or the safety-related functions. This finding is associated with deviations from design requirements that would not have been reconciled by the licensee as required by the ITAAC. The inspectors screened the finding for a possible construction cross-cutting aspect in accordance with Appendix F, "Construction Cross-Cutting Components and Aspects" of IMC 0613. This finding has a cross-cutting aspect in the area of Human Performance, because the licensee's contractor failed to identify nonconforming welds when performing an inspection using a contractor's QC inspection plan F-S561-007, "AWS D1.1 – Visual Weld Inspection - Carbon Steel." [H.8]

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