

APPENDIX A

Notice of Violation

Gulf States Utilities Company

Docket No. 50-458  
CPPR-145

As a result of the inspection conducted during November and December 1980, and in accordance with the Interim Enforcement Policy, 45 FR 66754 (October 7, 1980), the following violation was identified:

Failure to Follow Procedures to Maintain Uniform Concrete Consistency at Point of Placement

Criterion V of Appendix B to 10 CFR 50 requires that activities affecting quality be prescribed by documented procedures of a type appropriate to the circumstances, and shall be accomplished in accordance with these procedures.

1. Stone and Webster Construction Specification No. 210.370, Revision 5, "Placing Concrete and Reinforcing Steel," requires that concrete placements conform to the provisions of ACI 304 (73), "Measuring, Mixing, Transporting, and Placing Concrete." Section 9 states, "experience indicates that slumps below 2 inches are impracticable for pumping."
2. Stone and Webster Construction Specification No. 210.350, Revision 2, "Mixing and Delivering Concrete," requires, under "Delivery", that freshly mixed concrete shall be delivered to the point of placement in a thoroughly mixed, homogeneous condition, with uniform consistency from batch-to-batch.
3. Stone and Webster Specification No. 210.361, Revision 1, "Concrete Testing Services," requires that except for the required frequency (50 cubic yards), slump test of concrete in delivery mix trucks may be waived when adding withheld water provided the amount of withheld water does not exceed that of a previously tested and accepted concrete load of the same mix and size and having not had less than the same amount of withheld water added to similar concrete proportions.

Contrary to the above:

A review of records during the period November and December 1980 for Category I placements AB5-W-8 B4, AB4-W-9385, AB5-W-8383, ET20-S-67S2, and RB3-W-80 indicates procedures were not followed in that:

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1. Slumps as low as 1-1/4" were pumped.
2. Subsequent batches were not adjusted to increase the slump and provide uniform consistency.
3. A review of the records during November and December 1980 for Category I concrete placements CB7-W-115J2, SC4-W-859, RB3-W-80, FB3-W-90, CB7-W-11556, and CB7-W-11552 indicates that the slump tests were not being performed in accordance with the frequency required when withheld water added exceeded that of a previously tested load.

This is a Severity Level IV violation.

Pursuant to the provisions of 10 CFR 2.201, Gulf States Utilities is hereby required to submit to this office within 25 days of the date of this Notice, a written statement or explanation in reply, including: (1) the corrective steps which have been taken and the results achieved; (2) corrective steps which will be taken to avoid further violations; and (3) the date when full compliance will be achieved. Under the authority of Section 182 of the Atomic Energy Act of 1954, as amended, this response shall be submitted under oath or affirmation.

Dated

2-6-81

  
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W. C. Seidle, Chief,  
Reactor Construction and Engineering  
Support Branch