

APPENDIX A

NOTICE OF VIOLATION

Nebraska Public Power District  
Cooper Nuclear Station

Docket: 50-298  
License: DPR-46

During an NRC inspection conducted February 13-17, 1989, a violation of NRC requirements was identified. The violation involved a failure to maintain fan coil units within design flow requirements. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (1988), the violation is listed below:

10 CFR 50 Appendix B Criterion III Design Control Requires that measures shall be established to assure that the design basis for systems and components are correctly translated in to procedures and instructions to assure that the design basis is maintained.

The Cooper Nuclear Station "Quality Assurance Program for Operation - Policy Document" (Revision 4) in Section 2.3 "Design Control" implements 10 CFR 50 Appendix B Criterion III.

Contrary to the above, procedures or instructions were not provided in two instances to maintain two fan coil units within design requirements in the safety-related service water system as described below:

1. A Special Test Procedure (STP) 87-011, "Post LOCA Service Water System Flow Test," in May 1988 was conducted in response to an NRC inspection over the period of May 11 through June 19, 1987 (NRC Inspection Report 50-298/87-10). The licensee identified the as-found condition of service water flow through Fan Coil Unit FC-C-1A as 56 gallons per minute. The design requirement was 146 gallons per minute. The apparent cause, in part, of the low flow condition was a blocked inlet strainer. No procedure had been provided to assure adequate flow.
2. In conjunction with the above special test procedure, air flow was measured for Fan Coil Units HV-DG-1C and HV-DG-D, the as-found air flow was 24,000 cfm and 20,300 cfm respectively. The required air flow was 36 350 cfm. Procedures had not been provided to assure adequate air flow.

This is a Severity Level IV violation. (Supplement I)(298/8903-01)

The NRC SSFI followup team reviewed the licensees evaluation and followup actions to this violation including generic corrective actions to prevent further violations. Therefore no response to this violation is required.

Dated at Arlington, Texas,  
this *10th* day of *April* 1989

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PDR ADOCK 05000298  
Q PDC