



**Entergy
Operations**

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U. S. Nuclear Regulatory Commission
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Subject: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Completion of ANO-1 Initial Activities
for Generic Letter 89-13; Service Water
System Problems

Gentlemen:

Generic Letter 89-13; "Service Water System Problems Affecting Safety-Related Equipment" was issued on July 18, 1989 (OCNA078932) which required licensee response under 10CFR50.54(f) on the means for compliance with the recommendations of the generic letter. The Arkansas Nuclear One, Unit 1 (ANO-1) response was a combined response with Unit 2 as contained in letter dated January 26, 1990 (OCAN019012). Additional ANO-1 responses and clarifications were contained in Entergy Operations' correspondence dated July 2, 1990 (OCAN079005), November 30, 1990 (1CAN119010), October 3, 1991 (OCAN099110), and March 20, 1992 (1CAN039209).

Generic Letter 89-13 also required that each licensee confirm that the agreed upon actions have been completed within 30 days of such implementation. Therefore, in response to this requirement, Entergy Operations hereby confirms that the initial tests and activities described in our correspondence to Generic Letter 89-13 have been completed for ANO-1. With one exception, the results of the ANO-1 testing provided acceptable data for future trending. In addition, continuing programs have been established as part of the ANO Service Water Integrity Program. Specific component retest and trending procedures will be developed from the initial test program.

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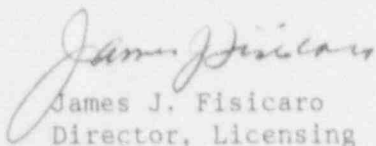
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The exception involved the ANO-1 Reactor Building cooler heat transfer testing conducted during 1R10. The testing provided unusable test results to the extent of our January 26, 1990 program commitment for full heat transfer trending. These coolers had new cooling coils installed during this outage, but due to insufficient heat loads, the test data indicated an unrealistic fouling factor. Results obtained on other air-to-water heat exchangers also indicated similar difficulty for obtaining effective data. However, the test data does provide sufficient results to meet the heat transfer capability test guidelines recommended in Enclosure 2 to the generic letter. Therefore, ANO has met the recommended actions prescribed by the generic letter. This exception was discussed with Tom Alexion, NRC ANO-1 Project Manager.

Entergy Operations will modify the ANO program to include additional testing and trending options contained in Enclosure 2 to Generic Letter 89-13 and will revise our current commitment with the NRC in subsequent correspondence.

Please contact me if you require any additional information.

Very truly yours,


James J. Fisicaro
Director, Licensing

JJF/SAB/sjf

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