



Entergy Operations

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February 26, 1993

OCAN029304

U. S. Nuclear Regulatory Commission
Document Control Desk
Mail Station P1-137
Washington, DC 20555

Subject: Arkansas Nuclear One - Units 1 and 2
Docket Nos. 50-313 & 50-368
License Nos. DPR-51 & NPF-6
Station Blackout Commitment for
One-Time Confirmatory Load Test

Gentlemen:

As discussed in the NRC's Safety Evaluation dated October 10, 1990 for Arkansas Nuclear One (ANO) regarding compliance to the Station Blackout (SBO) rule (10CFR50.63), Entergy Operations committed to install an independent alternate AC (AAC) power source. This commitment was contained in Entergy Operations letter dated April 15, 1991 (OCAN049107). Based on this commitment, Entergy Operations submitted a conceptual design of the proposed AAC power source to the NRC for approval in letter dated August 14, 1992 (OCAN089203). The NRC's review of the ANO conceptual design was provided on December 18, 1992 (OCNA129208).

In the December 18, 1992 letter, the NRC staff found the proposed ANO AAC conceptual design using a new non-safety related diesel to be acceptable based on its meeting the guidelines of NUMARC 87-00 and Reg. Guide 1.155. The implementation date of December 31, 1994 was also found to be acceptable. However, the staff in this letter requested that we commit to a one-time shutdown equipment load test in accordance with Part B.12 of NUMARC 87-00.

Entergy Operations, by this letter, is confirming our intent to conduct the one-time diesel test in accordance with Part B.12 of NUMARC 87-00. The ANO AAC conceptual design submittal of August 14, 1992 reiterated many of the design and testing requirements committed to in the earlier ANO letter of April 15, 1991. The commitment to Part B.12 was, however, only contained in the former submittal of April 15, 1991. As discussed in the April 15, 1991 letter this one-time test will be conducted in the subsequent ANO-1 and ANO-2 outages after the December 31, 1994 implementation date. These outages are currently expected to commence in the spring and fall of 1995.

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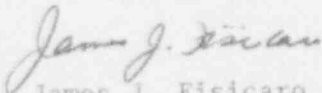
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Entergy Operations does not believe the B.12 test to be an exception to the December 31, 1994 implementation schedule. The non-safety AAC diesel will be available for responding to a station blackout by the committed schedule. The conducting of the one-time test is considered to be a confirmatory functional test of the alternate AC power source. Prior to the acceptance of the AAC power supply in December 1994, ANO will confirm the operability of the generator set, the generator capacity, the ability for the system to carry rated electrical loads and the design function of the diesel's support systems.

Please notify me, if you require any additional information.

Very truly yours,



James J. Fisicaro
Director, Licensing

JJF/SAB/prg

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