



Entergy Operations, Inc.  
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2CAN110111

November 16, 2001

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555-0001

SUBJECT: Arkansas Nuclear One, Unit 2  
Docket No. 50-368  
Withdrawal of Request to Perform First Two Hours of EDG Endurance  
Run at Anytime. (SR 4.8.1.1.2.c.9)

REFERENCES: 1. Letter to the NRC dated June 12, 2001 (2CAN060102)  
2. Letter to the NRC dated October 15, 2001 (2CAN100111)

Dear Sir or Madam:

By letter (references 1 and 2), Entergy Operations, Inc. (Entergy) proposed a change to the Arkansas Nuclear One, Unit 2 (ANO-2) Technical Specifications (TSs) to modify several Emergency Diesel Generator (EDG) surveillance requirements.

On November 15, 2001, Entergy and members of your staff held a call to discuss your staff's position concerning one portion of the original submittal. The portion in question relates to surveillance requirement (SR) 4.8.1.1.2.c.9. This SR verifies the EDGs capability of operating for at least 24 hours. The SR also requires loading the EDG to an indicated load of 3000 to 3200 Kw during the first two hours of the test. Entergy had requested that this two-hour portion of the test be performed at anytime during the 24 hour endurance tests. The NRC staff did not accept Entergy's request to perform the two hour portion of the test at anytime. As a result of the call, Entergy agreed to withdraw the portion of the original request related to the two hour portion of the 24 hour endurance run. The revised affected page is included in Attachment 1.

There are no technical changes proposed. The original no significant hazards considerations included in reference 1 is not affected by the withdrawal of this portion of the original submittal. There are no new commitments contained in this letter.

If you have any questions or require additional information, please contact Dana Millar at 601-368-5445.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge. Executed on November 16, 2001.

Sincerely,



Glenn R. Ashley  
Manager, Licensing

GRA/dm

Attachments:

1. Revised Markup of Technical Specification Pages

cc: Mr. Ellis W. Merschoff  
Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region IV  
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NRC Senior Resident Inspector  
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Mr. Thomas W. Alexion  
NRR Project Manager Region IV/ANO-2  
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Mr. Bernard R. Bevill  
Director Division of Radiation  
Control and Emergency Management  
Arkansas Department of Health  
4815 West Markham Street  
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**Attachment 1**

**To**

**2CAN110111**

**Revised Markup of Technical Specification Pages**

ELECTRICAL POWER SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

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7. Verifying during shutdown that all diesel generator trips, except engine overspeed, lube oil pressure, generator differential, and engine failure to start, are automatically bypassed upon a Safety Injection Actuation Signal.
8. Simulating during shutdown a loss of offsite power in conjunction with SIAS and:
  - a) Verifying de-energization of the emergency busses and load shedding from the emergency busses.
  - b) Verifying the diesel starts from a standby condition on the auto-start signal, energizes the emergency busses with permanently connected loads, energizes the auto-connected emergency (accident) loads through the Time Delay Relays and operates for  $\geq 5$  minutes while its generator is loaded with the emergency loads.
9. Verifying the diesel generator operates for at least 24 hours. During the first 2 hours of this test, the diesel generator shall be loaded to an indicated 3000 to 3200 Kw and during the remaining 22 hours of this test, the diesel generator shall be loaded to an indicated 2600 to 2850 Kw (Notes 3 & 4). Within 5 minutes after completing this 24 hour test, ~~repeat Specification 4.8.1.1.2.e.5~~ perform  
4.8.1.1.2.a.4. (Note 5)
10. Verifying that the auto-connected loads to each diesel generator do not exceed the 2 hour rating of 3135 Kw.

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Note 3

Diesel generator loading may be accomplished in accordance with vendor recommendations, such as gradual loading.

Note 4

Momentary transients outside this load band due to changing loads will not invalidate the test. Load ranges are allowed to preclude overloading the diesel generators.

Note 5

If this test is not satisfactorily completed, it is not necessary to repeat the preceding 24 hour test, instead, the diesel generator may be operated at 2600 to 2850 Kw until internal temperatures stabilize but not less than 2 hours, then perform test ~~4.8.1.1.2.e.5~~ a.4 within 5 minutes.