

December 31, 1990

Docket No. 50-382

LICENSEE: Entergy Operations, Incorporated

FACILITY: Waterford Steam Electric Station, Unit 3

SUBJECT: SUMMARY OF MEETING HELD ON DECEMBER 20, 1990, TO DISCUSS THE MODIFICATIONS TO THE EMERGENCY DIESEL GENERATORS

The staff met with representatives from Waterford 3 to discuss the modifications to the Emergency Diesel Generator as they might effect the proposed license amendment submitted by letter dated July 25, 1990. The list of meeting attendees is enclosed as Enclosure 1.

The licensee's proposed amendment is to revise the timing of tests for the two diesels. The license currently requires staged testing and the proposed amendment would retain essentially the same frequency but grouped so that fewer test starts would be required. The second part of the licensee's plans to reduce the number of diesel generator starts will require some modifications but these are being done in conjunction with other improvements. The overall effect of the modifications will improve safety. The licensee will evaluate the modifications under 10 CFR Part 50.59.

The modifications fall under five categories. Mercury wetted contact relays are to replace relays that have caused problems due to oxidation of contacts. Relays or contacts will be added to make the start circuitry on each diesel generator fully redundant. Modifications will also allow paralleling of loads and thus reduce starts by using an engineered safety feature test start and loading of the diesel to count for the regular load test. The continuous field flash will be removed from each generator and the last modification will add a portable air compressor to the facility in case the air accumulators are depleted on continuous starts.

The licensee will perform a 10 CFR Part 50.59 review of the modifications to determine if NRR involvement in the modifications is necessary. This was acceptable to the staff.

ORIGINAL SIGNED BY:

David Wigginton, Senior Project Manager
Project Directorate IV-1
Division of Reactor Projects III, IV, and V
Office of Nuclear Reactor Regulation

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PDR ADOCK 05000382
P PDR

Enclosure:	<u>DISTRIBUTION</u>		
As stated	<u>Docket File</u>	NRC PDR & Local PDR	F. Miraglia(12G18)
	J. Partlow(12G18)	B. Boger(13E4)	M. Virgilio(13E4)
cc w/enclosure:	PD4-1 Reading	T. Quay	D. Wigginton
See next page	OGC MS15B18	E. Jordan MS MNBB 3701	NRC Participants
	ACRS (10) MS P-315	M. Slosson MS 17G21	

OFC	: PD4-1/LA	: PD4-1/PM	: PD4-1/D	:	:	:	:
NAME	: LBerry	: DWigginton	: TQuay	:	:	:	:
DATE	: 12/31/90	: 12/31/90	: 12/31/90	:	:	:	:



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555

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A handwritten signature in dark ink, appearing to read "David Wigginton".

David Wigginton, Senior Project Manager
Project Directorate IV-1
Division of Reactor Projects III, IV, and V
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
See next page

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Entergy Operations, Inc.

Waterford 3

cc:

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Deisel Generator Modifications Meeting

December 20, 1990

Attendees

<u>NAME</u>	<u>ORGANIZATION</u>
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E. Tomlinson	NRR/OTSB
J. Knight	NRR/SELB
N.K. Trehan	NRR/SELB
F. Rosa	NRR/SELB
J. Stewart	NRR/SICB
T.E. Watkins	Energy Operations - Waterford 3