



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

DMB 016

NOVEMBER 25 1981

Docket No. 50-287

MEMORANDUM FOR: Darrell Eisenhut, Director
Division of Licensing

THRU: Thomas Novak, Assistant Director
for Operating Reactors, DL

John Stolz, Chief
Operating Reactors Branch #4, DL

FROM: Philip Wagner, Project Manager
Operating Reactors Branch #4, DL

SUBJECT: OCONEE 3 RSSMAP STUDY



Attached is a copy of Duke's November 3, 1981 response to our September 8, 1981 request of their views of the RSSMAP Report on Oconee 3. We requested a response to the conclusions contained in the Report and a discussion of changes which have been made that should reduce the probability or consequences of accidents. The conclusions contained in the Report consist of relative comparisons of Oconee to Surry, with the dominant difference being a higher assessed frequency of an interfacing system LOCA (Event V) at Oconee. However, this item is footnoted to indicate that Duke had introduced changes which significantly reduce the frequency of an Event V accident.

Duke's response discussed the changes which have been implemented (and incorporated into the Oconee Tech. Specs. by Order dated April 20, 1981) to reduce the probability of Event V situations and other accident mitigating modifications. These modifications are mainly TMI related changes to the emergency feedwater, main feedwater and turbine anticipatory trips, indication and control systems and human factors aspects.

Duke also mentioned two changes outside the scope of our RSSMAP which were developed from the ongoing NSAC-Duke PRA study. One change involves procedural guidance to preclude running the LPI pumps at shutoff head for extended periods of time; the other involves ICS modifications to preclude spurious energization of certain relays which could lead to a feedwater transient.

Duke concludes that the Oconee RSSMAP study was a worthwhile undertaking by providing useful insights into dominant accident sequences.

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PDR

Copies of Duke's response have been distributed to RES (cc to Bernero) and NRR Division Directors (by RIDs). My review of Duke's response indicates that our concerns have been adequately addressed; and it is my understanding that RES and the other NRR Divisions are satisfied that this issue has been acceptably resolved. Therefore, by copy of this memorandum to the PDRs, I am completing NRC action on this subject.

~~ORIGINAL SIGNED BY~~

Philip Wagner, Project Manager
Operating Reactors Branch #4
Division of Licensing

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NRC PDR

L PDR

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Memo File

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OFFICE ▶	ORB#4: DL	C-ORB#4: DL	AD, OR: DL				
SURNAME ▶	PWagner; cf	JStolz*	TMovak				
DATE ▶	11/20/81	11/ /81	11/05/81				

Copies of Duke's response have been distributed to RES (cc to Bernero) and NRR Division Directors (by RIDs). If you would like me to take any further action on this subject, please contact me.

Philip Wagner, Project Manager
Operating Reactors Branch #4
Division of Licensing

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OFFICE ▶	ORB#4:DL	C-ORB#4:DL	AD:OR:DL				
SURNAME ▶	PWagner;cf	JStolz	TNOvak				
DATE ▶	11/19/81	11/19/81	11/ /81				

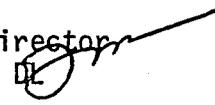


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