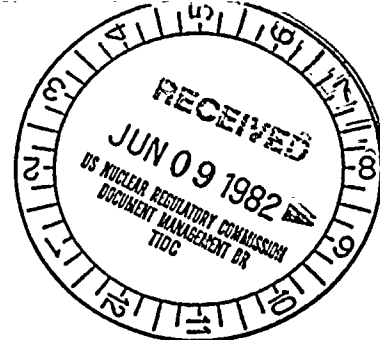


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JUN 04 1982



MEMORANDUM FOR: Thomas M. Novak, Assistant Director for Operating Reactors, DL  
FROM: Themis P. Speis, Assistant Director for Reactor Safety, DSI  
SUBJECT: SER TO TMI ACTION ITEM II.K.3.25 FOR TURKEY POINT UNITS 3 & 4

Docket Number: 50-250/251  
TAC Number: 40648  
Plant Project Manager: M. Grotenhuis  
II.K.3.25 Project Manager: J. Hegner  
Review Branch: Reactor Systems Branch  
Review Status: Complete

We have reviewed Florida Power and Light Company's response to TMI Action Item II.K.3.25, as transmitted to RSB by DL for the Turkey Point Nuclear Power Stations. This Action Item requires licensees to demonstrate that the integrity of their reactor coolant pump (RCP) seals is maintained (e.g., adequately cooled) during a loss-of-offsite-power event.

The applicant's response stated that the reactor coolant pump seals are cooled by two independent methods: (1) the chemical and volume control system, and (2) the component cooling water system. During a loss-of-off-site-power event, the RCP motor is de-energized and both cooling systems to the seals are terminated. However, the diesel generators are automatically started and "either" the seal injection flow or the component cooling water to the thermal barrier heat exchanger is automatically restored within seconds. Either of these cooling supplies is adequate to provide seal cooling and prevent seal failure during a loss-of-offsite-power event.

We find the licensee's submittal acceptable, conditional upon the clarification of which system is automatically restored during a loss-of-offsite-power event (e.g., component cooling water, seal injection, or both).

We request that you keep us apprised as to the applicant's response. Should you have questions regarding our review, please contact Jack Guttman at X29442.

Original Signed By  
Themis P. Speis

Themis P. Speis, Assistant Director  
for Reactor Safety, DSI

cc: R. Capra  
J. Hegner (PM for II.K.3.25)  
L. Engle (PM for North Anna)  
M. Grotenhuis (PM for Turkey Point)

\*SEE PREVIOUS CONCURRENCE-SHEET FOR  
DATES & INITIALS

OFFICE	CONTACT: J. Guttmann	DSI:RSB*	DSI:RSB*	DSI:RSB*	DSI:ADRS
SURNAME	X29442	JGuttmann:gd	NLauben	BSheron	TSpeis
		06/3/82	06/3/82	06/4/82	06/4/82

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Themis P. Speis, Assistant Director  
 for Reactor Safety, DSI

CC: R. Capra  
 J. Hegner (P/M for II.K.3.25)  
 L. Engle (P/M for N. Anna)  
 M. Grotenhuis (P/M for Turkey Point)

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CONTACT: J. Guttman, x29442

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SURNAME	JGuttman:cs	Lauben	Sheron	Speis			
DATE	5/26/82	5/26/82	5/24/82	5/ /82			

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