

50-269

NOV 6 1969

Original signed by  
R. S. Boyd, Assistant Director for Reactor Projects, DRL S. Levine  
THRU: S. Levine, Assistant Director for Reactor Technology, DRL

FLORIDA POWER AND LIGHT CO., TURKEY POINT UNITS 3 AND 4 - DOCKET NOS.  
50-250/251

DUKE POWER CO., OCONEE UNITS 1, 2, AND 3 - DOCKET NOS. 50-269/270/287

Enclosed is a request for additional information on potential  
problems associated with accumulation of combustible gases during  
the post-LOCA period. These problems have not yet been addressed by  
either of the applicants.

Original signed by  
R. C. DeYoung

R. C. DeYoung, Acting Chief  
Safety Systems Technology Branch  
Division of Reactor Licensing

RT-818A  
DRL:SSTB:MAT

Enclosure:  
Request for Additional Information

cc w/encl:  
C. Long, DRL  
P. Check, DRL  
A. Schwencer, DRL

bcc: S. Levine, DRL  
R. DeYoung, DRL  
C. Moon, DRL  
M. Taylor, DRL

DISTRIBUTION:

Suppl. Turkey Point 50-250/251  
Suppl. Oconee 50-269/270/287  
DRL Reading

Suppl. Reading  
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OFFICE ▶	DRL:SSTB	DRL:SSTB	DRL:DAD/RT	DRL:AD/RT		
SURNAME ▶	MATaylor:esp	C.M.Moon	R.C.DeYoung	S. Levine		
DATE ▶	11/ /69	11/11/69	11/11/69	11/ /69		

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TURKEY POINT - UNITS 3 & 4

DCONES - UNITS 1, 2, & 3

Post-LOCA Hydrogen Evolution and Control

Please provide analyses of the potential hydrogen evolution to containment over the post-LOCA period. Evaluate the potential hazards to containment and other engineered safety features that may be associated with the accumulation of combustible gases. Describe the plans you have regarding use of combustible gas control measures, including, in particular, those measures which do not entail the intentional release of fission products from the containment to the atmosphere.