

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 FACIL:50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250  
 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251  
 AUTH.NAME AUTHOR AFFILIATION  
 UHRIG,R.E. Florida Power & Light Co.  
 RECIP.NAME RECIPIENT AFFILIATION  
 EISENHUT,D.G. Division of Licensing

SUBJECT: Advises that util has re-evaluated Section 3.1.12 of NRC  
 790321 fire protection safety evaluation rept.Sprinkler  
 heads on outside wall of diesel generator bldg offer better  
 means to reduce potential diesel generator sys damage.

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JUN 25 1980

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Office of Nuclear Reactor Regulation  
 Attention: Mr. Darrell G. Eisenhut, Director  
 Division of Licensing  
 U. S. Nuclear Regulatory Commission  
 Washington, D. C. 20555

June 20, 1980  
 L-80-196

Dear Mr. Eisenhut:

Re: Turkey Point Units 3 & 4  
 Docket Nos. 50-250 & 50-251  
Fire Protection

The purpose of this letter is to advise you that Florida Power & Light Company (FPL) has re-evaluated Section 3.1.12 of your staff's Fire Protection Safety Evaluation Report for Turkey Point Units 3 and 4 dated March 21, 1979. The Safety Evaluation states that a barrier will be constructed to impede heat and smoke from entering the diesel generator rooms via the louvered openings facing the outdoor fuel oil storage tank. In re-evaluating the barrier issue, we have determined that sprinkler heads on the outside wall of the diesel generator building offer a more appropriate means of reducing the potential for damage to the Diesel Generator system from a fire in the fuel oil storage tank.

There are a total of four 9' x 7' louvers, two for each diesel. One is on the north, two are on the east, and one is on the south wall of the building. The fuel oil storage tank is located approximately 30 feet east of the building with an oil spill dike between the tank and the building. Each louver will have a total of four sprinkler heads with 160°F fuseable links, (two side wall heads and two standard heads). The sprinkler heads will be shielded to prevent spurious actuation by solar heat. The spray from the two side wall heads will cool the metal louvers and missile shields, and the general area spray from the standard heads will reduce the induction of particulate matter from smoke. The sprinkler supply will be a 4" line with a locked open supply valve with breakable chain and lock. The water supply line will come from the turbine building system about 40 feet west of the Diesel Generator Building. Total pipe length is approximately 125 feet.

In light of your staff's desire to complete all fire protection modifications by November 1, 1980, FPL considers this change an acceptable alternative to constructing a barrier.

Very truly yours,

Robert E. Uhrig  
 Vice President  
 Advanced Systems & Technology

REU/MAS/GAP/cph

cc: Mr. J. P. O'Reilly, Region II  
 Harold F. Reis, Esquire

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