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NRC ORDER TO FLORIDA POWER & LIGHT CO. CONFIRMS FIRE BARRIER  
CORRECTIVE ACTIONS AT TURKEY POINT UNITS 3 AND 4

The Nuclear Regulatory Commission has issued a confirmatory order to Florida Power & Light Company documenting its commitment to complete Thermo-Lag fire barrier corrective actions at its Turkey Point nuclear power plant Units 3 and 4 by December 31, 2001. The plant is located in Dade County, Florida.

In a letter to Florida Power & Light officials, Sam Collins, Director of the NRC's Office of Nuclear Reactor Regulation, said the order was issued because of concern "that some licensees may not be making adequate progress toward resolving the plant-specific issues, and that some implementation schedules may either be too tenuous or too protracted." The Turkey Point plants are among those he was talking about.

Thermo-Lag is a fire barrier material manufactured and supplied by Thermal Science, Inc., of St. Louis, Missouri, and has been used to provide fire resistance to wiring and equipment at nuclear plants. The NRC has been concerned that Thermo-Lag 330-1 fire barrier material installed by some of its licensees may not provide the intended level of fire protection and that licensees thus may not be meeting regulatory requirements.

Between 1992 and 1994, the NRC staff issued letters to all nuclear utilities asking licensees to submit plans and schedules for resolving the issue. All licensees with Thermo-Lag fire barriers have implemented around-the-clock "fire watches," using workers to patrol vital plant areas on a regular basis to watch for signs of fire until corrective actions have been completed.

In his letter, Collins noted that NRC has been meeting with licensees to review their progress in completing implementation of their fire barrier programs, but has been concerned about slow progress at certain plants.

The Florida Power & Light Co. is one of the licensees with which NRC has held meetings, largely to resolve technical issues. The NRC has reviewed the company's schedule for Thermo-Lag corrective actions and concluded they are reasonable. The company formally agreed May 27 to the confirmatory order. Thermo-Lag corrections at both Turkey Point plants are about 35 percent complete. About 20 other plants have received similar orders.

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Additional information on Thermo-Lag fire barriers can be found on the NRC Homepage at: <http://www.nrc.gov/OPA/gmo/tip/tip9826.htm>