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NRC ORDER TO THE TENNESSEE VALLEY AUTHORITY CONFIRMS AGREEMENT TO COMPLETE FIRE BARRIER CORRECTIVE ACTIONS AT SEQUOYAH 1 AND 2

The Nuclear Regulatory Commission has issued a confirmatory order to the Tennessee Valley Authority confirming its commitment to complete Thermo-Lag fire barrier corrective actions at its Sequoyah nuclear power plant Units 1 and 2 by June 30, 1999. The plant is located near Chattanooga, Tennessee.

In a letter to TVA 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 Sequoyah plants are among them.

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 to TVA officials, 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 on resolution of the issue at certain plants.

TVA was one of the licensees with which NRC has periodically held meetings. At these meetings, the NRC reviewed TVA's schedule for Thermo-Lag corrective actions and concluded they are reasonable. The company formally agreed May 13 to

the terms of the confirmatory order.

About 20 other plants have gotten or are expected to receive similar orders in the coming months.

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