



Tennessee Valley Authority, Post Office Box 2000, Soddy-Daisy, Tennessee 37379-2000

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Vice President, Sequoyah Nuclear Plant

June 9, 1993

10 CFR 50.54(f)

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

In the Matter of
Tennessee Valley Authority

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Docket Nos. 50-327
50-328

SEQUOYAH NUCLEAR PLANT (SQN) - NRC BULLETIN 93-02: DEBRIS PLUGGING OF
EMERGENCY CORE COOLING SUCTION STRAINERS

The purpose of this letter is to provide TVA's response to the subject bulletin for SQN. The requested action contained in the bulletin is to identify fibrous air filters or other temporary sources of fibrous material not designed to withstand a loss of coolant accident that are installed or stored in primary containment.

Fibrous air filters are not installed in primary containment during normal plant operation (i.e., Modes 1 through 4) but are during outages. These temporary filters are installed to maintain the efficiency of the lower-compartment coolers and are installed and removed by means of a preventive maintenance (PM) instruction. An additional source of temporary fibrous material is contained in the vacuum cleaner filters and the high efficiency particulate air filters contained in portable air-handling units used in containment during outages. The vacuum cleaners' use is controlled by procedure with the individual using the apparatus required to return it immediately after completing the job. The final cleanliness inspection required before exiting the work area after the job has been completed ensures that the portable air-handling units are properly removed.

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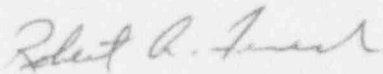
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To provide additional assurances of containment cleanliness, a final inspection is performed using Surveillance Instruction 0-SI-OPS-000-187.0, "Containment Inspection." This procedure requires a containment inspection before entry into Mode 4 from Mode 5, and was created to provide a final inspection to ensure that equipment, dirt, and tools have been removed to prevent potential blockage of the containment sump screen in accordance with Technical Specification Surveillance Requirement 4.5.2.c.

Permanently installed fibrous materials, such as the pressurizer safety loop-seal insulation and the lead-shielding fire blankets, have been evaluated. This evaluation determined that collectively, the permanently installed fibrous material will not have any adverse effects during an accident. Therefore, it is concluded that the safe operation of the emergency core cooling system and the containment spray system would not be compromised by the presence of the quantities and types of fibrous material inside containment. Based upon the above discussions, no additional actions are required.

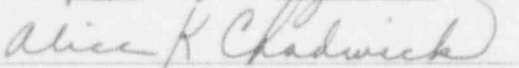
Please direct questions concerning this issue to W. C. Ludwig at (615) 843-7460.

Sincerely,



Robert A. Fenech

Sworn to and subscribed before me
this 9th day of June 1993



Notary Public

My Commission Expires 2/8/97

cc: See page 3

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