

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555



December 13, 1985

Docket Nos. 50-390
50-391

Tennessee Valley Authority
ATTN: Mr. H. G. Parris
Manager of Power and
Engineering (Nuclear)
6N11 B. Missionary Ridge Place
1101 Market Street
Chattanooga, TN 37402-2801

Gentlemen:

SUBJECT: REPORT NOS. 50-390/85-57 AND 50-391/85-46

On September 30-October 4 and October 21-25, 1985, NRC inspected activities authorized by NRC Construction Permit Nos. CPPR-91 and CPPR-92 for your Watts Bar facility. This inspection was conducted by NRC personnel from the Offices of Inspection and Enforcement, Nuclear Reactor Regulation, and Region II. At the conclusion of the inspection, the findings were discussed with those members of your staff identified in the enclosed inspection report.

The inspection was focused on activities related to the Employee Response Team Program. The specific areas examined during the inspection are identified in the report. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observation of installed hardware and work activities in progress.

No reply to this letter is required at this time. Activities of the Employee Response Team Program will be reviewed during future NRC inspections.

The NRC is concerned regarding management control of the overall Employee Response Team Program. This is based on interviews with TVA managers, on the fragmented tracking programs used by TVA Office of Engineering, TVA Office of Construction, Quality Technology Corporation, and TVA Nuclear Safety Review Staff, and on the inability of TVA to provide the NRC with the general results of the Employee Response Team (ERT) Program (hardware effects, NCRs or 50.55(e) reports issued, and trends). Management improvement in the overall ERT Program is further needed in the handling of the corrective actions for substantiated concerns. This was especially evident in the instrument line area where there did not appear to be anyone in TVA management responsible for: a coordinated resolution of the various issues (slope, compression fittings, clamps, and bending); a coordinated resolution of each issue for both Units 1 and 2; and for

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monitoring the effectiveness of corrective actions to preclude recurrence. As a result of our findings, we noted that TVA appointed a Project Manager for the instrument line area and that work in this area was administratively stopped.

Even though only a relatively small number of concerns have been investigated thus far, several potentially significant technical issues have been identified related to instrument lines and the general area of welding. As the ERT program continues, additional TVA management attention will be required to assure that each technical issue is resolved comprehensively and in a conservative manner. In this regard we note that a task group, reporting to the Watts Bar Site Director, was recently formed to be the focal point for TVA line responsibilities regarding the ERT program.

Your attention is invited to the observations made in the inspection report. These matters will be pursued during future inspections.

Should you have any questions concerning this letter, please contact us.

Sincerely,

Original signed by:
James G. Partlow

James G. Partlow, Director
Division of Inspection Programs
Office of Inspection and Enforcement

Enclosure:
Inspection Report Nos. 50-390/85-57
and 50-391/85-46

cc w/enclosure: See next page

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- B. Hayes, OI

Concurrence:

<i>HSW</i> RCPB/DI/IE	<i>AJA</i> RCPB/DI/IE	<i>A</i> D:DI/IE	<i>OK w/ RII (Verrelli) & NRR (Thompson)</i> D:DI/IE	<i>Per telecon 12/13/85</i> D:DI/IE	<i>MS</i> D:IE
H Wong:mlr	R Heishman	L Spessard	J Partlow	R Vollmer	J Taylor
12/12/85	12/12/85	12/12/85	12/13/85	12/13/85	12/13/85

Tennessee Valley Authority

cc w/enclosure:

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