

TENNESSEE VALLEY AUTHORITY

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SEP 02 1988

U.S. Nuclear Regulatory Commission  
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Washington, D.C. 20555

Gentlemen:

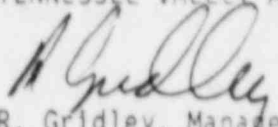
In the Matter of ) Docket Nos. 50-327  
Tennessee Valley Authority ) 50-328

SEQUOYAH NUCLEAR PLANT - COMPARISON OF UNITS 1 AND 2 HANGER PROGRAM RESULTS

NRC Project Manager, Jack Donohew, requested that TVA provide a comparison of the results of the units 1 and 2 hanger programs. The request came as a result of some questions raised regarding the information on hanger modifications presented at the August 4, 1988 meeting with the NRC Commissioners. The results of the two programs were similar. The details are presented in the enclosure to this letter.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

  
R. Gridley, Manager  
Nuclear Licensing and  
Regulatory Affairs

Enclosure  
cc: See page 2

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U.S. Nuclear Regulatory Commission

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ENCLOSURE

SEQUOYAH NUCLEAR PLANT  
COMPARISON OF THE UNITS 1 AND 2  
HANGER PROGRAM RESULTS

Background

During the restart period for unit 2, discussions on hanger modifications were focused on the number of modifications resulting from the civil calculation regeneration program. Other hanger work had occurred but was not the subject of discussions. The hanger work was reorganized on unit 1 to improve efficiency and accountability. This resulted in the assignment of one organization to be responsible for all unit 1 hanger fieldwork. As part of this effort, all hanger work was tracked together to monitor performance. The information presented to the NRC Commissioners represented the total unit 1 hanger work scope. This total included maintenance rework and miscellaneous hanger modifications, in addition to the hanger modifications that resulted from the civil calculation regeneration program. These totals are not directly comparable with the unit 2 numbers reported during unit 2 restart.

Comparison of Unit 1 and Unit 2 Programs

1. The results of the civil calculation regeneration program are as follows:

	<u>Unit 1</u>	<u>Common and Unit 2</u>
Restart Modifications	125 (note 1)	220
Postrestart Modifications	225 (note 2)	475

Note 1 - This number is based on an estimate of the number of modifications attributed solely to the civil calculation regeneration program. Approximately 190 modifications were required to resolve both the calculation program and NRC Bulletin 79-14.

Note 2 - This number is the current estimate and may be reduced as a result of refinements to the calculations.

2. Miscellaneous hanger modifications were made to support other design changes unrelated to hanger deficiencies.

	<u>Unit 1</u>	<u>Common and Unit 2</u>
Miscellaneous Modifications (note 3)	91	35

Note 3 - These numbers are estimated as of August 15, 1988.

- Maintenance rework was performed on hangers as a result of several inspection programs (i.e., bolting program, calculation regeneration program, and NRC Bulletin 79-14). The maintenance-type work did not involve design changes or modifications to the hangers. The work was typically bolt replacement, bolt tightening, and clearance adjustments.

	<u>Unit 1</u>	<u>Common and Unit 2</u>
Maintenance Rework (note 4)	1328	1295

Note 4 - These numbers are estimated as of August 15, 1988.