

NOV 23 1979

Docket Nos: 50-390/391

Mr. H. G. Parris
Manager of Power
Tennessee Valley Authority
500A Chestnut Street Tower II
Chattanooga, Tennessee 37401

Dear Mr. Parris:

SUBJECT: PROPOSED REVISION 2 TO REGULATORY GUIDE 1.97 "INSTRUMENTATION FOR LIGHT-WATER-COOLED NUCLEAR POWER PLANTS TO ASSESS PLANT AND ENVIRONS CONDITIONS DURING AND FOLLOWING AN ACCIDENT" (WATTS BAR 1 & 2)

The Regulatory staff is revising Regulatory Guide 1.97 to provide more specific guidance than that contained in the guide now being used. A draft of proposed revision 2 of this guide is enclosed (Enclosure 1). The Advisory Committee on Reactor Safeguards has reviewed proposed Revision 2 of the guide and has agreed to its issuance for comment.

Enclosure 1 is based on the results of Task Action Plan A-34, "Instrumentation for Monitoring Radiation and Process Variables During an Accident" which was initiated in June 1977 to develop more specific guidance concerning implementation of Regulatory Guide 1.97. A major addition to the current Regulatory Guide 1.97 is the identification of specific parameters to be measured, the range of the measurements and design criteria for the instruments. The enclosed draft guide also incorporates the applicable recommendations in NUREG-0578 "TMI-2 Lessons Learned Task Force Status Report and Short-Term Recommendations."

The proposed Revision 2 of this guide will have a significant impact on the design of plants such as yours that are currently under review for an operating license. Therefore, we are requesting early comments on proposed Revision 2 from applicants for these plants. We have arranged meetings in Bethesda, Maryland to discuss these comments. We will meet with nine applicants for pressurized water reactors on December 13, 1979 and with five applicants for boiling water reactors on December 14, 1979.

We request that you attend the meeting as indicated in the enclosed meeting notice (Enclosure 2) to discuss your comments on the feasibility of designing and installing instruments meeting the requirements of proposed Revision 2 to Regulatory Guide 1.97 in your plant. An advance copy of major comments and the associated rationale should be given to V. Benaroya, Chief, Auxiliary Systems Branch, DSS, NRC prior to the meeting.

7912110005

OFFICE

SURNAME

DATE

Mr. H. G. Parris

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NOV 23 1979

If there are any questions regarding the meeting, call L. L. Kintner (301) 492-8344.

Sincerely,

SA

S. A. Varga, Acting Assistant
Director for Light Water Reactors
Division of Project Management
Office of Nuclear Reactor Regulation

Enclosures:

1. Draft of Proposed Revision 2
to Regulatory Guide 1.97
2. Meeting Notice

cc w/encls.:
See next page.

OFFICE	DPM:LWR-4	DSS	DPM:LWR-4	DPM:AD:LWR		
SURNAME	CStahle/jl	VBenaroya	LRubenstein	SVarga		
DATE	11/ /79	11/ /79	11/ /79	11/ /79		



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

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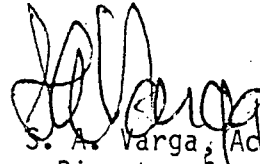
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Tennessee Valley Authority

ccs:

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