

BALLOT

IEEE/PES/PG-C

Title of Standard: Criteria for the design of Safety Related Surveillance Instrumentation in Nuclear Power Generating Station. P466, Draft 3.

This revision shall be forwarded to the IEEE Standards Committee for approval as an IEEE standard guide.

Record my vote as follows:



Affirmative



Affirmative with Comments



Negative

My comments are attached. Comments requiring resolution in order for me to change my vote to Affirmative are indicated to differentiate them from those of lesser significance.



Waived

I waive my right to vote for the reasons attached.

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DATE: 1/31/77

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Please group your comments into these categories:

- a. General
- b. Specific, section by section, or
- c. Additional material, where applicable

Reviewer: _____

Phone No: _____

1. Please indicate your comments and suggested resolution in the columns provided.
2. Indicate (*) those that form the basis of any negative ballot.
3. If you need added sheets please xerox or add similar sheets.

	Comment	Suggested Correction	Resolution by Working Group
Comment No. 1 Page: * Para:	<i>See 1 on attached sh</i> <i>General</i>		
Comment No. 2 Page: * Para: /	<i>See 2 on attached</i> <i>General</i>		
Comment No. 3 Page: * Para:	<i>See 3 on attached</i> <i>Technical</i>		
Comment No. 4 Page: * Para:	<i>See 4 on attached</i> <i>Technical</i>		
Comment No. 5 Page: Para: *	<i>See 5 on attached</i> <i>Technical</i>		

FOREWORD

(This foreword is not part of the IEEE Criteria for the Design of Safety Related Surveillance Instrumentation in Nuclear Power Generating Stations, IEEE Std.-466).

The protection of nuclear power plants following a design basis event is provided automatically by the protection systems as defined by IEEE Std. 279-1971 and by required manual actions. During the post-accident period, information required by the operator is provided by the post-accident monitoring instrumentation as defined in IEEE Std.-P497. This document is limited to the design criteria for safety related surveillance instrumentation required by the operator during normal operating conditions of the plant (pre-accident period). *Shutdown*

The variables used for pre-accident surveillance should be chosen such that the operator will be allowed sufficient time to evaluate the trends, make reasonable judgments, and complete required manual actions.

The amount of instrumentation to be provided should be that minimum required by the operator such that it will not reduce operator capability to control the plant.

The design criteria provided by this document take into consideration that safety related surveillance instrumentation is required to operate in a time scale that is considerably different from that required during and after an accident.

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