

J. Joyce

JUN 29 1983

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MEMORANDUM FOR: Brian Sheron, Chief, Reactor Systems Branch
 Division of Systems Integration

FROM: Faust Rosa, Chief, Instrumentation & Control Systems Branch
 Division of Systems Integration

SUBJECT: WESTINGHOUSE ADVANCED PWR (WAPWR) DESIGN

The review of the Primary Side Safeguards Module leads us to conclude that it would be inappropriate to provide a safety evaluation report on the instrumentation and control systems of the WAPWR design for the following reasons.

1. The level of detail provided in the report is only described to the extent of the functional operation of the system, e.g., redundancy can be inferred where multiple instruments are indicated to be used to measure a given parameter.
2. Design criteria, regulatory requirements and guidance are not addressed for the I & C systems. Thus, conclusions with regard to the adequacy of the system design cannot be made.

In general, it appears that the I & C design will be addressed in subsequent modules submitted for review. However, based on the level of detail that is included in the subject report, we did not find any problem which we would expect to develop into a future licensing concern.

*Original Signed By:
 Faust Rosa*

Faust Rosa, Chief
 Instrumentation & Control Systems Branch
 Division of Systems Integration

cc: P. J. Mattson
 R. W. Houston

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 Central File
 ICSB R/F
 T. Dunning (PF)
 F. Rosa
 J. Joyce
 W. Lyon

8307-44492XA

NAME	Contact:	ICSB/DSI	ICSB/DSI		
	T. Dunning, ICSB	TDunning:vp	FRosa		
	X29457	6/29/83	6/29/83		