

DISTRIBUTION  
~~DOCKET FILE~~  
 RSB R/F  
 RSB P/F: WNP-2  
 TCOLLINS R/F  
 BSHERON  
 WHODGES  
 TCOLLINS

DEC 15 1983

MEMORANDUM FOR: Vincent Noonan, Chief, Equipment Qualification Branch, DE  
 FROM: Brian W. Sheron, Chief, Reactor Systems Branch, DSI  
 SUBJECT: REMOVAL OF RCIC SYSTEM FROM EQP AT WNP-2  
 Reference: W.E. Vesely et. al.; "Measures of Risk Importance and Their Applications" NUREG/CR-3385, July, 1983

In a letter dated July 26, 1983 from G.C. Sorensen to A. Schwencer, the Washington Public Power Supply System (the applicant) indicated its intent to remove RCIC from the WNP-2 Equipment Qualification Program (EQP). The applicant has stated that the ADS system in conjunction with the low pressure ECC systems provides a fully automatic backup to the high pressure core spray (HPCS) system.

We have reviewed the applicant's submittal and agree that a fully automatic backup to HPCS is available. We do not agree however, the RCIC should be removed from the EQP at this time. This position is based on the results of risk sensitivity studies performed for a BWR/6 and discussed in the reference report. These results indicate that the unavailability of the RCIC system more than doubles the overall core melt frequency. Unless it can be demonstrated that the unavailability of RCIC will not significantly increase risk at WNP-2, RCIC should be included in the EQ Program.

Original signed by:  
 Brian W. Sheron  
 Brian W. Sheron, Chief  
 Reactor Systems Branch, DSI

cc: R. W. Houston  
 A. Masciantonio  
 RSB Section Leaders  
 Section B Members  
 R. Mattson

CONTACT: T. Collins, RSB  
 X24478

XA  
 8312230281 831215  
~~OF~~ ADQCK 05000397  
 A ~~OF~~

OFFICE	DSI;RSB	DSI;RSB	DSI;RSB		
TURNNAME	TCOLLINS:GD	WHODGES	BSHERON		
DATE	12/15/83	12/15/83	12/15/83		