

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:7903140265 DOC.DATE: 79/03/07 NOTARIZED: YES DOCKET #  
 FACIL:50-315 DONALD C. COOK NUCLEAR POWER PLANT, UNIT 1, INDIANA & 05000315  
 AUTH.NAME AUTHOR AFFILIATION  
 DISBROW,R.E. INDIANA & MICHIGAN POWER CO.  
 RECIP.NAME RECIPIENT AFFILIATION  
 DENTON,H.R. OFFICE OF NUCLEAR REACTOR REGULATION

SUBJECT: IN RESPONSE TO NRC 790103 LTR,FORWARDS TECH SPEC CHANGES  
 REFLECTING EVALUATION OF POSTULATED FUEL HANDLING ACCIDENT  
 INSIDE CONTAINMENT.

DISTRIBUTION CODE: A001S COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 4  
 TITLE: GENERAL DISTRIBUTION FOR AFTER ISSUANCE OF OPERATING LIC

NOTES: I & E - 3 CYS ALL MATL.

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ACTION:	05 BC ORB#1	7 7		
INTERNAL:	01 REG FILE	1 1	02 NRC PDR	1 1
	12 I&E	2 2	14 TA/EDO	1 1
	15 CORE PERF BR	1 1	16 AD SYS/PROJ	1 1
	17 ENGR BR	1 1	18 REAC SFTY BR	1 1
	19 PLANT SYS BR	1 1	20 EEB	1 1
	21 EFLT TRT SYS	1 1	22 BRINKMAN	1 1
EXTERNAL:	03 LPDR	1 1	04 NSIC	1 1
	23 ACRS	16 16		

ADD: C GRIMES W/ENCL  
 M MLYNCZAK W/ENCL

AP 2  
 60



# INDIANA & MICHIGAN POWER COMPANY

P. O. BOX 18  
BOWLING GREEN STATION  
NEW YORK, N. Y. 10004

March 7, 1979  
AEP:NRC:00129

Donald C. Cook Nuclear Plant Unit No. 1  
Docket No.:50-315  
License No: DPR-58

## REGULATORY DOCKET FILE COPY

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Denton:

This letter is in response to Mr. A. Schwencer's letter of January 3, 1979, wherein we were requested to submit Technical Specifications to change the isolation time of certain containment isolation valves on Unit 1.

On February 3, 1978, we submitted a proposed Technical Specification for Unit 2 which would change the isolation time of the containment purge and exhaust valves to 5 seconds and better reflect our response to Question 022.4 contained in Appendix Q of our FSAR. Please be advised that in the response to the NRC letter of November 28, 1978, entitled, "Containment Purging During Normal Plant Operation", submitted on January 4, 1979 we incorporated into Unit 1, by reference, our February 3, 1978 submittal. Your staff's review of the fuel handling accident inside containment can be completed based on our January 4, 1979 submittal for both Units 1 and 2.

The attachment to this letter contains a proposed Technical Specification change for Unit 1 in accordance with the evaluation of a postulated fuel handling accident inside containment, as requested by Mr. Schwencer. We are requesting that the isolation time for the valves listed as "Containment Purge and Exhaust Valves" under item C of table 3.6.1 of Specification 3/4.6.3.1 be changed from 10 seconds to 5 seconds. In addition, it has been noted with this revised Technical Specification that only one purge air inlet path (two valves in series) and one purge outlet path (two valves in series) are to be open at any given time while in Modes 1, 2, 3 and 4. The reason for this additional change is for consistency with information presented in our response to Question 022.4 which was also made applicable to Unit 1 by reference in our January 4, 1979 letter.

7903140265

Acc'd  
S/I  
9/20/81  
C. GRIMES w/enc  
M. MILLER w/enc

[illegible]

3. *Chlorophyll a* and *Chlorophyll b* contents were determined by spectrophotometry using the method of Lichtenthaler and Whaley (1987).

Mr. Harold R. Denton

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AEP:NRC:00129

This Technical Specification change request has been reviewed by both the PNSRC and the required membership of the AEPSC NSDRC, in accordance with the appropriate provisions of our Technical Specifications. The result of these reviews indicates that the subject Technical Specification change will not adversely affect the health and safety of the public.

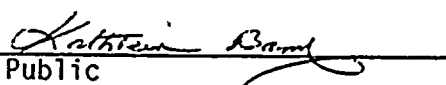
This Technical Specification change request has only minor significance and is being submitted at the request of the NRC to supplement previously transmitted information. Pursuant to the provisions of 10 CFR Part 170, no fee accompanies this submittal.

Very truly yours,

RED:em

R. E. Disbrow  
Vice President

Sworn and subscribed to before me  
this 7<sup>th</sup> day of March, 1979 in  
New York County, New York

  
Notary Public

NOTARY PUBLIC  
NOTARY PUBLIC, State of New York  
John H. H. H. H.  
Qualified in New York County  
Certificate expires March 30, 1981

cc: R.C. Callen  
P. W. Steketee  
G. Charnoff  
R. Walsh  
R. J. Vollen  
R. W. Jurgensen  
D. V. Shaller-Bridgman

TABLE 3.6-1 (Continued)

<u>VALVE NUMBER</u>	<u>FUNCTION</u>	<u>TESTABLE DURING PLANT OPERATION</u>	<u>ISOLATION TIME IN SECONDS</u>
<b>** C. CONTAINMENT PURGE AND EXHAUST (Continued)</b>			
12. VCR-205	Upper Comp. Purge Air Inlet	Yes	5
13. VCR-206	Upper Comp. Purge Air Outlet	Yes	5
14. VCR-207*	Cont. Press Relief Fan Isolation	Yes	5
<b>D. MANUAL ISOLATION VALVES<sup>(1)</sup></b>			
1. ICM-111	RHR to RC Cold Legs	Yes	NA
2. ICM-129	RHR Inlet to Pumps	No	NA
3. ICM-250	Boron Injection Inlet	Yes	NA
4. ICM-251	Boron Injection Inlet	Yes	NA
5. ICM-260	Safety Injection Inlet	Yes	NA
6. ICM-265	Safety Injection Inlet	Yes	NA
7. ICM-305	RHR Suction from Sump	Yes	NA
8. ICM-306	RHR Suction from Sump	Yes	NA
9. ICM-311	RHR to RC Hot Legs	Yes	NA
10. ICM-321	RHR to RC Hot Legs	Yes	NA
11. DW-209	Demineralized Water Supply for Refueling Cavity	Yes	NA
12. DW-210	Demineralized Water Supply for Refueling Cavity	Yes	NA
13. HPX 151 VI	Dead Weight Tester	Yes	NA
14. PA 145*	Containment Service Air	No	NA
15. SF-151*	Refueling Water Supply	Yes	NA
16. SF-153*	Refueling Water Supply	Yes	NA
17. SF-159	Refueling Cavity Drain to Purification System	Yes	NA
18. SF-160	Refueling Cavity Drain to Purification System	Yes	NA
19. SI-171	Safety Injection Test Line	Yes	NA
20. SI-172	Accumulator Test Line	Yes	NA

\*\* Only one purge inlet path and one purge outlet path may be opened in Modes 1, 2, 3, and 4.

TABLE 3.6-1 (Continued)

<u>VALVE NUMBER</u>	<u>FUNCTION</u>	<u>TESTABLE DURING PLANT OPERATION</u>	<u>ISOLATION TIME IN SECONDS</u>
<u>B. PHASE "B" ISOLATION (Continued)</u>			
37. WCR-961	NESW to Instr. Rm. East Vent	Yes	10
38. WCR-963	NESW from Instr. Rm. West Vent	Yes	10
39. WCR-965	NESW to Instr. Rm. East Vent	Yes	10
40. WCR-967	NESW from Instr. Rm. West Vent	Yes	10
41. WCR-902	NESW from Lower Containment Vent #1	Yes	10
42. WCR-906	NESW from Lower Containment Vent #2	Yes	10
43. WCR-910	NESW from Lower Containment Vent #3	Yes	10
44. WCR-914	NESW from Lower Containment Vent #4	Yes	10
45. WCR-922	NESW from Upper Containment Vent #1	Yes	10
46. WCR-926	NESW from Upper Containment Vent #2	Yes	10
47. WCR-930	NESW from Upper Containment Vent #3	Yes	10
48. WCR-934	NESW from Upper Containment Vent #4	Yes	10
49. WCR-962	NESW from Instrument Room East Vent	Yes	10
50. WCR-966	NESW from Instrument Room West Vent	Yes	10
 ** <u>C. CONTAINMENT PURGE AND EXHAUST</u>			
1. VCR-101	Instr. Room Purge Air Inlet	Yes	5
2. VCR-102	Instr. Room Purge Air Outlet	Yes	5
3. VCR-103	Lower Comp. Purge Air Inlet	Yes	5
4. VCR-104	Lower Comp. Purge Air Outlet	Yes	5
5. VCR-105	Upper Comp. Purge Air Inlet	Yes	5
6. VCR-106	Upper Comp. Purge Air Outlet	Yes	5
7. VCR-107*	Cont. Press. Relief Fan Isolation	Yes	5
8. VCR-201	Instr. Room Purge Air Inlet	Yes	5
9. VCR-202	Instr. Room Purge Air Outlet	Yes	5
10. VCR-203	Lower Comp. Purge Air Inlet	Yes	5
11. VCR-204	Lower Comp. Purge Air Outlet	Yes	5

\*\* Only one purge inlet path and one purge outlet path may be opened in Modes 1, 2, 3 and 4.

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