

CONTROL BLOCK: 1										(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)																																																																															
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CON'T										REPORT SOURCE										DOCKET NUMBER										EVENT DATE										REPORT DATE																																																	
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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES																																																																																									
0 2										DURING A SCHEDULED OUTAGE WITH THE UNIT IN MODE 5 THE BLOCKS ON THE PORV'S																																																																															
0 3										(PROVIDING THE POSITIVE VENTING OF THE RCS) WERE REMOVED WITH THE RCS TEMPERATURE																																																																															
0 4										ONE DEGREE BELOW THE REQUIRED 152 DEGREES F WHILE THE EMERGENCY AIR SUPPLY WAS																																																																															
0 5										VALVED OUT. THE NORMAL AIR SUPPLY VALVES WERE BLOCKED OPEN AT ALL TIMES WHILE THE																																																																															
0 6										RCS WAS BELOW 152 DEGREES INSURING AN UNINTERRUPTABLE AIR SOURCE TO THE PORV'S.																																																																															
0 7										THIS EVENT IS NON-CONSERVATIVE WITH RESPECT TO T.S. 3.4.9.3. THE HEALTH AND SAFETY																																																																															
0 8										OF THE PUBLIC WERE NOT AFFECTED. A PREVIOUS OCCURRENCE WAS 83-011/03L-0.																																																																															
0 9										SYSTEM CODE										CAUSE CODE										CAUSE SUBCODE										COMP. SUBCODE										VALVE SUBCODE																																							
S H 11										X 12										Z 13										X X X X X X X 14										Z 15										Z 16																																							
17										LER/RO REPORT NUMBER										EVENT YEAR										SEQUENTIAL REPORT NO.										OCCURRENCE CODE										REPORT TYPE										REVISION NO.																													
8 3																				0 6 1										0 3										L										0																																							
ACTION TAKEN										FUTURE ACTION										EFFECT ON PLANT										SHUTDOWN METHOD										HOURS										ATTACHMENT SUBMITTED										NPRD-4 FORM SUB.										PRIME COMP. SUPPLIER										COMPONENT MANUFACTURER									
X H 18										Z 19										Z 20										0 0 0 0 22										Y 23										N 24										A 25										Z 9 9 9 26																			
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS																																																																																									
1 0										THE EMERGENCY AIR SUPPLY WAS NOT VALVED IN WHEN THE BLOCKS WERE REMOVED AND THE																																																																															
1 1										RCS WAS BELOW 152 DEGREES DUE TO THE NORMAL AIR SUPPLY TO THE PORV BEING BLOCKED																																																																															
1 2										OPEN. THE EMERGENCY AIR SUPPLY WAS VALVED IN AFTER EVALUATION OF THE INCIDENT.																																																																															
1 3										OPERATING MEMO 83-51 WAS ISSUED CLARIFYING WHEN AND WHAT ACTIONS TO BE TAKEN TO																																																																															
1 4										SATISFY THE LOW TEMP. OVERPRESSURIZATION PROT. REQUIREMENTS. (SEE ATTACHMENT)																																																																															
FACILITY STATUS										% POWER										OTHER STATUS										METHOD OF DISCOVERY										DISCOVERY DESCRIPTION																																																	
G 28										0 0 0 29										NA 30										A 31										OPERATOR OBSERVATION 32																																																	
ACTIVITY RELEASED										CONTENT OF RELEASE										AMOUNT OF ACTIVITY										LOCATION OF RELEASE																																																											
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PERSONNEL EXPOSURES										TYPE										DESCRIPTION																																																																					
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LOSS OF OR DAMAGE TO FACILITY										TYPE										DESCRIPTION																																																																					
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N 44																				NA 45																																																																					
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PHONE: (616) 465-5901



INDIANA & MICHIGAN ELECTRIC COMPANY

DONALD C. COOK NUCLEAR PLANT
P.O. Box 458, Bridgman, Michigan 49106
(616) 465-5901

August 2, 1983

Mr. J. G. Keppler, Regional Administrator
United States Nuclear Regulatory Commission
Region III, 799 Roosevelt Road
Glen Ellyn, Illinois 60137

Operating License DPR-74
Docket No. 50-316

Dear Mr. Keppler:

Pursuant to the requirements of the Appendix A Technical Specifications,
the following report is submitted:

RO 83-061/03L-0

Sincerely,

W. G. Smith, Jr.
Plant Manager

WGS:frb

cc: J. E. Dolan
M. P. Alexich
R. F. Kroeger
B. Cermano
E. Swanson/N. DuBry RO:III
R. C. Callen - MPSC
G. Charnoff, Esq.
J. M. Hennigan
R. O. Bruggee
INPO
PNSRC
J. F. Stietzel
E. L. Townley
Dir., IE (30 copies)
Dir., MIPC (3 copies)

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THE UNIT WAS IN MODE 5 ON A SCHEDULED SURVEILLANCE OUTAGE. PREPARATIONS TO RETURN THE UNIT TO SERVICE WERE BEGINNING. THE PORV'S HAD BEEN BLOCKED OPEN DURING THIS OUTAGE TO PROVIDE LOW TEMPERATURE OVERPRESSURIZATION PROTECTION BY VENTING THE RCS. WHILE THE PORV'S WERE BLOCKED OPEN THE EMERGENCY AIR SUPPLY TO THE PORV'S WAS VALVED OUT TO REDUCE THE MAINTENANCE INVOLVED WITH KEEPING THE SYSTEM IN SERVICE. THE BLOCKS WERE REMOVED AT 1414 ON JULY 3, 1983 BUT THE EMERGENCY AIR SUPPLY WAS NOT VALVED IN AND LOOP 3 COLD LEG TEMPERATURE READ ONLY 151 DEGREES F. HEAT UP OF THE SYSTEM CONTINUED WITH ALL LOOPS ABOVE 152 AT 1900 ON JULY 3, 1983. ALL LOOP TEMPERATURES REMAINED ABOVE 152 UNTIL 1100 ON JULY 4, 1983 WHEN AN INADVERTENT COOLDOWN OF THE RCS (LOOP 3) FROM 156 TO 149 DEGREES F OCCURRED. THE TEMPERATURE WAS AGAIN ABOVE 152 BY 1140 HOURS. THE EMERGENCY AIR SUPPLY WAS VALVED IN AT 1435 ON JULY 4, 1983.

THE REASON THE EMERGENCY AIR SUPPLY (AIR BOTTLES LOCATED IN CONTAINMENT) WAS NOT VALVED IN WAS TWO FOLD. FIRST THE OPERABILITY OF THE OPENING TIME OF THE PORV'S WHEN USING THE EMERGENCY AIR WAS IN QUESTION AS REPORTED ON LER 83-011. TO COMPENSATE FOR THIS THE NORMAL AIR SUPPLY CONTAINMENT ISOLATION VALVES WERE BLOCKED OPEN TO ENSURE AN UNINTERRUPTABLE AIR SUPPLY TO THE PORV'S. THIS IN EFFECT REPLACED THE EMERGENCY AIR SUPPLY AND THE ISOLATION VALVES WERE BLOCKED OPEN DURING THE ENTIRE TIME COVERED BY THIS REPORT. SECONDLY THE EFFORT TO MAINTAIN THE AIR BOTTLE PRESSURE WAS EXCESSIVE FOR A SYSTEM THAT WAS QUESTIONABLE AND FOR WHICH STEPS HAD BEEN TAKEN TO COMPENSATE FOR THE LACK OF AN EMERGENCY AIR SUPPLY.

OPERATING MEMO 83-51 WAS ISSUED CLARIFYING WHEN AND WHAT ACTIONS ARE TO BE TAKEN TO SATISFY THE LOW TEMPERATURE OVERPRESSURIZATION REQUIREMENTS. ALSO THE EVALUATION REFERENCED IN LER 83-011 IS CONTINUING.