





Indiana Michigan  
Power Company  
P.O. Box 16631  
Columbus, OH 43216



AEP:NRC:0773AD

Donald C. Cook Nuclear Plant Units 1 and 2  
Docket Nos. 50-315 and 50-316  
License Nos. DPR-58 and DPR-74  
NUREG 0737 TMI ACTION PLAN REQUIREMENTS STATUS

U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D. C. 20555

Attn: T. E. Murley

April 17, 1989

Dear Dr. Murley:

This letter responds to your request for a review and status report on the NUREG 0737 TMI Action Plan Requirements. The attachment to this letter is the NUREG 0737 list you provided annotated with our implementation status.

In responding to your request we have identified, by "\*", several items that were closed by NRR and later reopened by NRC Region III. For example, we received a Safety Evaluation Report (SER) on Item III.D.3.4.1 Control Room Habitability dated February 11, 1982. Later, during a Region III inspection, the inspector apparently disagreed with the SER and reopened Item III.D.3.4.1. We are currently responding to those concerns. We believe that all TMI training requirements, Items I.A.1.1.3, I.A.1.1.4, I.A.2.1.1 thru I.A.2.1.1.5, I.A.2.3, I.A.3.1.1, I.A.3.1.2., should be considered closed based on our extensive efforts to successfully obtain INPO accreditation on all Cook Plant Nuclear Training Programs. Items I.A.3.1.3 A and B should also be closed because we have purchased, installed, and are currently training on a Cook Nuclear Plant specific simulator.

Please be advised that the attached responses were prepared on extremely short notice. The responses are therefore only accurate to the best of our knowledge based on our ability to perform a limited records search in the short time available and are limited to the material provided to us in your letter. We do not certify to the full and complete accuracy of our responses and we reserve the right to amend our responses if further review merits such action.

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Dr. T. E. Murley

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AEP:NRC:0773AD

Sincerely,



M. P. Alexich  
Vice President

MPA/eh

Attachment

cc: D. H. Williams, Jr.  
W. G. Smith, Jr. - Bridgman  
R. C. Callen  
G. Charnoff  
G. Bruchmann  
A. B. Davis - Region III  
NRC Resident Inspector - Bridgman



ISSUE NUMBER	MULTI-PLANT ACTION NO.	ISSUE TITLE	LICENSEE IMPLEMENTATION STATUS
I.D.2.2	F009	PLANT-SAFETY PARAMETER DISPLAY CONSOLE - INSTALLED.....	C;
I.D.2.3	F009	PLANT-SAFETY PARAMETER DISPLAY CONSOLE - FULLY IMPLEMENTED.....*	C; 12/31/85
*I.G.1.1		TRAINING DURING LOW-POWER TESTING - PROPOSE TESTS.....	N/A
*I.G.1.2		TRAINING DURING LOW-POWER TESTING - SUBMIT ANAL. & PROCS.....	N/A
*I.G.1.3		TRAINING DURING LOW-POWER TESTING - TRAINING & RESULTS.....	N/A
II.B.1.1		REACTOR-COOLANT SYSTEM VENTS - DESIGN VENTS.....	C; SER 8/31/83
II.B.1.2	F010	REACTOR-COOLANT SYSTEM VENTS - INSTALL VENTS (LL CAT B).....	C; SER 8/31/83
II.B.1.3	F010	REACTOR-COOLANT SYSTEM VENTS - PROCEDURES.....	C; SER 8/31/83
II.B.2.1		PLANT SHIELDING - REVIEW DESIGNS.....	C; SER 3/23/83
*II.B.2.2		PLANT SHIELDING - CORRECTIVE ACTIONS TO ASSURE ACCESS.....	C; SER 3/23/83
*II.B.2.3	F011	PLANT SHIELDING - PLANT MODIFICATIONS (LL CAT B).....	C; SER 3/23/83
*II.B.2.4		PLANT SHIELDING - EQUIPMENT QUALIFICATION- NOT TRACKED AS A THI ACTION ITEM.....	N/A
*II.B.3.1		POSTACCIDENT SAMPLING - INTERIM SYSTEM.....	C; SER 4/11/85
*II.B.3.2		POSTACCIDENT SAMPLING - CORRECTIVE ACTIONS.....	C; SER 4/11/85
*II.B.3.3		POSTACCIDENT SAMPLING - PROCEDURES.....	C; SER 4/11/85
*II.B.3.4	F012	POSTACCIDENT SAMPLING - PLANT MODIFICATIONS (LL CAT B).....	C; SER 4/11/85
II.B.4.1	F013	TRAINING FOR MITIGATING CORE DAMAGE - DEVELOP TRAINING PROGRAM.....	C; SER 2/11/83
*II.B.4.2.A	F013	TRAINING FOR MITIGATING CORE DAMAGE - INITIAL.....	C; CO 3/14/83
*II.B.4.2.B	F013	TRAINING FOR MITIGATING CORE DAMAGE - COMPLETE.....	C; CO 3/14/83
II.D.1.1		RELIEF & SAFETY VALVE TEST REQUIREMENTS - SUBMIT PROGRAM.....	C; SER 11/17/87
*II.D.1.2.A		RELIEF & SAFETY VALVE TEST REQUIREMENTS - COMPLETE TESTING.....	C; SER 11/17/87
*II.D.1.2.B	F014	RELIEF & SAFETY VALVE TEST REQUIREMENTS - PLANT SPECIFIC REPORT.....	C; SER 11/17/87
II.D.1.3		RELIEF & SAFETY VALVE TEST REQUIREMENTS - BLOCK-VALVE TESTING.....	C; CO 3/14/83
*II.D.3.1		VALVE POSITION INDICATION - INSTALL DIRECT INDICATIONS OF VALVE POS.....	C; SER 3/20/80
*II.D.3.2		VALVE POSITION INDICATION - TECH SPECS.....	C; SER 3/20/80
*II.E.1.1.1	F015	AFS EVALUATION-ANALYSIS.....	N/A
(SEE NOTE 1)			
*II.E.1.1.2	F015	AFS EVALUATION-SHORT TERM MOOS.....	C; SER 10/06/80
(SEE NOTE 2)			
II.E.1.1.3	F015	AFS -LONG TERM MOOS.....	C; SER 10/06/80
(SEE NOTE 3)			

NOTE 1 - THE ITEM LISTED IS FROM NUREG-0737, ENCLOSURE 2 AND IS APPLICABLE TO NTOLS'S ONLY

NOTE 2 - THE ITEM LISTED IS FOR ALL PLANTS (OPERATING REACTORS AND NTOL'S)

NOTE 3 - THE ITEM LISTED IS FOR ALL PLANTS (OPERATING REACTORS AND NTOL'S)

ISSUE NUMBER	MULTI-PLANT ACTION NO.	ISSUE TITLE	LICENSEE IMPLEMENTATION STATUS
II.E.1.2.1.A		AFS INITIATION & FLOW-CONTROL GRADE.....	C; SER 6/16/81
II.E.1.2.1.B	F016	AFS INITIATION & FLOW - SAFETY GRADE.....	C; SER 6/16/81
II.E.1.2.2.A		AFS INITIATION & FLOW - FLOW INDICATION CONTROL GRADE.....	C; SER 6/16/81
*II.E.1.2.2.B		AFS INITIATION & FLOW - LL CAT A TECH SPECS.....	C; SER 6/16/81
*II.E.1.2.2.C	F017	AFS INITIATION & FLOW - SAFETY GRADE.....	C; SER 6/16/81
*II.E.3.1.1		EMERGENCY POWER FOR PRESSURIZER HEATERS - UPGRADE POWER SUPPLY.....	C; SER 8/25/81
*II.E.3.1.2		EMERGENCY POWER FOR PRESSURIZER HEATERS - TECH SPECS.....	C; SER 8/25/81
II.E.4.1.1		DEDICATED HYDROGEN PENETRATIONS - DESIGN.....	C; SER 9/09/81
*II.E.4.1.2		DEDICATED HYDROGEN PENETRATIONS - REVIEW & REVISE H2 CONTROL PROC.....	C; SER 9/09/81
*II.E.4.1.3	F018	DEDICATED HYDROGEN PENETRATION - INSTALL.....	C; SER 9/09/81
II.E.4.2.1-4		CONTAINMENT ISOLATION DEPENDABILITY - IMP. DIVERSE ISOLATION.....	C; SER 10/30/81
*II.E.4.2.5.A		CONTAINMENT ISOLAT. DEPENDABILITY - CNTMT PRESS. SETPT. SEECIFY PRESS.....	C; SER 10/30/81
*II.E.4.2.5.B		CONTAINMENT ISOLATION DEPENDABILITY - CNTMT PRESSURE SETPT. MODS.....	C; SER 10/30/81
II.E.4.2.6	F019	CONTAINMENT ISOLATION DEPENDABILITY - CNTMT PURGE VALVES.....	C; SER 10/30/81
II.E.4.2.7	F019	CONTAINMENT ISOLATION DEPENDABILITY - RADIATION SIGNAL ON PURGE VALVES.....	C; SER 7/27/82
*II.E.4.2.8		CONTAINMENT ISOLATION DEPENDABILITY - TECH SPECS.....	C; SER 8/25/81
*II.F.1.1	F020	ACCIDENT - MONITORING - PROCEDURES.....	H; 1983 T/S R 7/31/87
*II.F.1.2.A	F020	ACCIDENT - MONITORING - NOBLE GAS MONITOR.....*	H; 1983 T/S R 7/31/87
*II.F.1.2.B	F021	ACCIDENT - MONITORING - IODINE/PARTICULATE SAMPLING.....	H; 1983 T/S R 7/31/87
*II.F.1.2.C	F022	ACCIDENT - MONITORING - CONTAINMENT HIGH-RANGE MONITOR.....*	CO 3/14/83 T/S R 7/31/87
*II.F.1.2.D	F023	ACCIDENT - MONITORING - CONTAINMENT PRESSURE.....	C; SER 12/13/85
*II.F.1.2.E	F024	ACCIDENT - MONITORING - CONTAINMENT WATER LEVEL.....	C; SER 6/08/83
*II.F.1.2.F	F025	ACCIDENT - MONITORING - CONTAINMENT HYDROGEN.....	C; SER 6/08/83
*II.F.2.1		INSTRUMENTATION FOR DETECT. OF INADEQUATE CORE COOLING - PROCEDURES.....	C; SER 4/10/87
*II.F.2.2		INSTRUMENTATION FOR DETECT. OF INADEQUATE CORE COOLING - SUBCOOL METER.....	C; SER 4/10/87
*II.F.2.3	F026	INSTRUMENTATION FOR DETECT. OF INADEQUATE CORE COOLING - DESC. OTHER.....	C; SER 4/10/87
*II.F.2.4	F026	INSTRUMENTATION FOR DETECT. OF INADEQUATE CORE CLING INSTLL ADD'L INSTRUMENTATION.....	C; SER 4/10/87
*II.G.1.1		POWER SUPP. FOR PRESSURIZER RELIEF, BLOCK VALVES & LEVEL IND. - UPGRADE.....	C; SER 7/02/80
*II.G.1.2		POWER SUPP. FOR PRESSURIZER RELIEF, BLOCK VALVES & LEVEL IND. - TECH SP.....	C; SER 7/02/80
II.K.1 (Oper. Reactors Only)		IE BULLETINS - 79-05, 79-06, 79-08.....	R 5/01/79 & 6/06/79

MULTI-PLANT			
ISSUE NUMBER	ACTION NO.	ISSUE TITLE	LICENSEE IMPLEMENTATION STATUS
*II.K.1.5		IE BULLETINS - REVIEW ESF VALVES.....	R 6/20/80
*II.K.1.10		IE BULLETINS - OPERABILITY STATUS.....	N/A
*II.K.1.20		IE BULLETINS - PROMPT MANUAL REACTOR TRIP.....	N/A
*II.K.1.21		IE BULLETINS - AUTO SG ANTICIPATORY REACTOR TRIP.....	N/A
*II.K.1.22		IE BULLETINS - AUX. HEAT REM SYSTEM, PROC.....	N/A
*II.K.1.23		IE BULLETINS - RV LEVEL, PROCEDURES.....	C; SER 12/22/83
*II.K.2.2		ORDERS ON B&W PLANTS - PROCEDURES TO CONTROL AFW IND OF ICS.....	N/A
*II.K.2.8		ORDERS ON B&W PLANTS - UPGRADE AFW SYSTEM.....	N/A
II.K.2.9	F027	ORDERS ON B&W PLANTS - FEMA ON ICS.....	N/A
II.K.2.10	F028	ORDERS ON B&W PLANTS - SAFETY-GRADE TRIP.....	N/A
*II.K.2.11	F029	ORDERS ON B&W PLANTS - OPERATOR TRAINING.....	N/A
II.K.2.13	F030	ORDERS ON B&W PLANTS - THERMAL MECHANICAL REPORT (CE & W PLANTS ALSO).....	C; SER 6/18/84
II.K.2.14	F031	ORDERS ON B&W PLANTS - LIFT FREQUENCY OF PORV'S & SV'S.....	N/A
II.K.2.15		ORDERS ON B&W PLANTS - EFFECTS OF SLUG FLOW.....	N/A
II.K.2.16	F032	ORDERS ON B&W PLANTS - RCP SEAL DAMAGE.....	N/A
II.K.2.17	F033	ORDERS ON B&W PLANTS - VOIDING IN RCS (CE & W PLANTS ALSO).....	C; SER 12/16/83
II.K.2.19		BENCHMARK ANALYSIS OF SEQUENTIAL AFW FLOW TO ONCE THROUGH STM GENERATOR.....	C; SER 6/29/81
*II.K.2.20	F035	ORDERS ON B&W PLANTS - SYSTEM RESPONSE TO SB LOCA.....	N/A
*II.K.3.1.A	F036	B&O TASK FORCE - AUTOMATIC PORV ISOLATION DESIGN.....	C; SER 9/12/83
*II.K.3.1.B		FINAL RECOMMENDATIONS, B&O TASK FORCE - AUTO PORV ISO TEST/INSTALL.....	C; SER 9/12/83
II.K.3.2	F037	B&O TASK FORCE - REPORT ON PORV FAILURES.....	C; SER 9/12/83
II.K.3.3	F038	B&O TASK FORCE - REPORTING SV & RV FAILURES AND CHALLENGES.....	C; SER 9/08/82
II.K.3.5.A	F039	B&O TASK FORCE - AUTO TRIP OF RCP'S PROPOSED MODIFICATIONS.....	C; SER 7/13/88
II.K.3.5.B	F039	B&O TASK FORCE - AUTO TRIP OF RCP'S MODIFICATIONS.....	C; SER 7/13/88
II.K.3.7		B&O TASK FORCE - EVALUATION OF PORV OPENING PROBABILITIES.....	N/A
II.K.3.9	F040	B&O TASK FORCE - PID CONTROLLER MODIFICATION.....	C; SER 9/08/81
II.K.3.10	F041	B&O TASK FORCE - PROPOSED ANTICIPATORY TRIP MODIFICATIONS.....	C; SER 9/08/81
II.K.3.11		B&O TASK FORCE - JUSTIFY USE OF CERTAIN PORV.....	N/A
II.K.3.12.A		B&O TASK FORCE - ANTICIPATORY TRIP ON TURBINE TRIP PROPOSED MOOS.....	C; SER 9/08/81
II.K.3.12.B	F042	B&O TASK FORCE - ANTICIPATORY TRIP ON TURBINE TRIP INSTALL MOOS.....	C; SER 9/08/81
II.K.3.13.A	F043	B&O TASK FORCE - HPCI & RCIC SYSTEM INITIATION LEVELS ANALYSIS.....	N/A
II.K.3.13.B	F043	B&O TASK FORCE - HPCI & RCIC INITIATION LEVELS MODIFICATION.....	N/A



ISSUE NUMBER	MULTI-PLANT ACTION NO.	ISSUE TITLE	LICENSEE IMPLEMENTATION STATUS
*11.K.3.14	F044	B&O TASK FORCE - ISO CONDENSER ISOLATION ON HIGH RAD.....	N/A
11.K.3.15	F045	B&O TASK FORCE - MODIFY HPCI & RCIC BRK DETECTION CIRCUITRY.....	N/A
11.K.3.16A	F046	B&O TASK FORCE - CHALLENGE & FAILURE OF RELIEF VALVES STUDY.....	N/A
11.K.3.16.B	F046	B&O TASK FORCE - CHALLENGE & FAILURE OF RELIEF VALVES MODIFICATIONS.....	N/A
11.K.3.17	F047	B&O TASK FORCE - ECC SYSTEM OUTAGES.....	C; SER 8/05/83
11.K.3.18.A	F048	B&O TASK FORCE - ADS ACTUATION STUDY.....	N/A
11.K.3.18.B	F048	B&O TASK FORCE - ADS ACTUATION PROPOSED MODIFICATIONS.....	N/A
11.K.3.18.C	F048	B&O TASK FORCE - ADS ACTUATION MODIFICATIONS.....	N/A
*11.K.3.19	F049	B&O TASK FORCE - INTERLOCK RECIRCULATORY PUMP MODIFICATIONS.....	N/A
*11.K.3.20		B&O TASK FORCE - LOSS OF SVC WATER AT BRP.....	N/A
11.K.3.21.A	F050	B&O TASK FORCE - RESTART OF CSS & LPCI LOGIC DESIGN.....	N/A
11.K.3.21.B	F050	B&O TASK FORCE - RESTART OF CSS & LPCI LOGIC DESIGN MODIFICATIONS.....	N/A
11.K.3.22.A	F051	B&O TASK FORCE - RCIC SUCTION VERIFICATION PROCEDURES.....	N/A
11.K.3.22.B	F051	B&O TASK FORCE - RCIC SUCTION MODIFICATION.....	N/A
11.K.3.24	F052	B&O TASK FORCE - SPACE COOLING FOR HPCI/RCI LOSS OF AC POWER.....	N/A
11.K.3.25.A		B&O TASK FORCE - POWER ON PUMP SEALS PROPOSED MODIFICATIONS.....	C; SER 6/23/82
11.K.3.25.B	F053	B&O TASK FORCE - POWER ON PUMP SEALS MODIFICATIONS.....	C; SER 6/23/82
11.K.3.27	F054	B&O TASK FORCE - COMMON REFERENCE LEVEL FOR BWRS.....	N/A
11.K.3.28	F055	B&O TASK FORCE - QUALIFICATION OF ADS ACCUMULATORS.....	N/A
*11.K.3.29	F056	B&O TASK FORCE - PERFORMANCE OF ISOLATION CONDENSERS.....	N/A
11.K.3.30.A		B&O TASK FORCE - SCHEDULE FOR OUTLINE OF SB LOCA MODEL.....	C; SER 5/24/85
11.K.3.30.B	F057	B&O TASK FORCE - SB LOCA MODEL, JUSTIFICATION.....	C; SER 5/24/85
11.K.3.30.C		B&O TASK FORCE - SB LOCA METHODS NEW ANALYSES.....	C; SER 5/24/85
11.K.3.31	F058	B&O TASK FORCE - COMPLIANCE WITH CFR 50.46.....	C; SER 5/24/85
*11.K.3.40		B&O TASK FORCE - RCP SEAL DAMAGE - COVERED BY 11.K.2.16 AND 11.K.3.25.....	N/A
*11.K.3.43		B&O TASK FORCE - EFFECTS OF SLUG FLOW - COVERED BY 11.K.2.15.....	N/A
11.K.3.44	F059	B&O TASK FORCE - EVALUATE TRANSIENT WITH SINGLE FAILURE.....	N/A
11.K.3.45	F060	B&O TASK FORCE - ANALYSES TO SUPPORT.....	N/A
11.K.3.46	F061	RESPONSE TO LIST OF CONCERNS FROM ACRS CONSULTANT.....	N/A
*11.K.3.57	F062	IDENTIFY WATER SOURCES PRIOR TO MANUAL ACTIVATION OF ADS.....	N/A
111.A.1.1		EMERGENCY PREPAREDNESS, SHORT TERM.....	C; SER 9/29/86

ISSUE NUMBER	MULTI-PLANT ACTION NO.	ISSUE TITLE	LICENSEE IMPLEMENTATION STATUS
III.A.1.2.1		UPGRADE EMERGENCY SUPPORT FACILITIES - INTERIM TSC OSC & EOF.....	C; SER 9/29/86
III.A.1.2.2		UPGRADE EMERGENCY SUPPORT FACILITIES-DESIGN-INCORP. INTO F063/F064/F065.....	C; SER 9/29/86
	(SEE F063, F064, F065)		
III.A.1.2.3		UPGRADE EMER SUPPORT FACILITIES - MODS INCORPOR. INTO F063, F064 & F065.....	C; 10/24/88
	(SEE F063, F064, F065)		
III.A.2.1	F067	UPGRADE PREPAREDNESS - UPGRADE EMERGENCY PLANS TO APP. E. 10 CFR 50.....	C; SER 5/13/83
III.A.2.2	F068	UPGRADE PREPAREDNESS - METEOROLOGICAL DATA.....	C; SER 10/22/87
*III.D.1.1.1		PRIMARY COOLANT OUTSIDE CONTAINMENT - LEAK REDUCTION.....	C; SER 8/25/81
*III.D.1.1.2		PRIMARY COOLANT OUTSIDE CONTAINMENT - TECH SPECS.....	C; SER 8/25/81
III.D.3.3.1		INPLANT RAD. MONIT. - PROVIDE MEANS TO DETER. PRESENCE OF RADIOIODINE.....	C; SER 2/19/82
III.D.3.3.2	F069	INPLANT RADIATION MONIT. - MODIFICATIONS TO ACCURATELY MEAS. IOOINE.....	C; SER 2/19/82
III.D.3.4.1	F070	CONTROL ROOM HABITABILITY - REVIEW.....*	C; SER 2/11/82
*III.D.3.4.2	F070	CONTROL ROOM HABITABILITY - SCHEDULE MODIFICATIONS.....	C; H 12/31/82
*III.D.3.4.3		CONTROL ROOM HABITABILITY - IMPLEMENT MODIFICATIONS.....	C; H 12/31/82
MPA-F008	F008	I.D.1.1 DETAILED CONTROL ROOM DESIGN REVIEW PROGRAM PLAN.....	C; SER 6/01/87
MPA-F063	F063	III.A.1.2 TECHNICAL SUPPORT CENTER.....	C; SER 9/29/86
MPA-F064	F064	III.A.1.2 OPERATIONAL SUPPORT CENTER.....	C; SER 9/29/86
MPA-F065	F065	III.A.1.2 EMERGENCY OPERATIONS FACILITY.....	C; SER 9/29/86
MPA-F071	F071	I.D.1.2 DETAILED CONTROL ROOM REVIEW (FOLLOWUP TO F-8).....	H 12/31/90
MPA-B072	B072	NUREG-0737 TECH SPECS (GENERIC LETTERS 82-16 & 83-02).....	C; SER 11/23/83
MPA-B083	B083	TECH SPEC COVERED BY GENERIC LETTERS 83-26 & 83-37 FOR NUREG-0737.....	H T/S R 10/26/87
67.4.1	G001	REACTOR COOLANT PUMP TRIP (GENERIC LETTER 85-12).....	C; SER 7/13/88



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