~~J. T. Collins~~
File IE Inspection Reports.

UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

JAN 28 1980

Docket No. 50-289

MEMORANDUM FOR: Branch Chiefs/Section Chiefs, Region I
J. T. Collins, Deputy Director, NRC/TMI Technical Support Staff, R. Vollmer, Dir., NRC/TMI TS Staff

FROM: B. H. Grier, Director, Region I

SUBJECT: THREE MILE ISLAND, UNIT 1, RESTART INSPECTION PROGRAM

REFERENCES:
(a) GPUSC letter to NRC/NRR, dated June 27, 1979; Modifications/Actions to be Completed Prior to the TMI-1 Restart

(b) USNRC Order and Notice of Hearing in the Matter of Metropolitan Edison Company (Three Mile Island Nuclear Station, Unit No. 1), dated August 9, 1979

(c) NUREG-0578, TMI-2 Lessons Learned Task Force Status Report and Short-Term Recommendations

(d) IE Bulletins 79-05A, 79-05B, and 79-05C

1. This memorandum directs the implementation of a special inspection program, structured to provide an intensive review of the Three Mile Island Unit 1 restart activities, based upon commitments and requirements contained in references (a) through (d). The program includes both normal MC 2515 inspection requirements to be completed on an expeditious basis and supplemental inspection requirements relative to the many and various restart activities.

2. Enclosure 1 lists specific MC 2515 inspection procedures required to be completed prior to TMI-1 restart. Section assignments for performing each inspection procedure (IP) are listed below each IP number using the following abbreviations.

ES2 - Engineering Support Section No. 2, RC&ES Branch

E&SP - Environmental and Special Projects Section, FF&MS Branch

NS1 - Nuclear Support Section No. 1, RO&NS Branch

NS2 - Nuclear Support Section No. 2, RO&NS Branch

ES1 - Engineering Support Section No. 1, RC&ES Branch

S&I - Security and Investigation Section, Safeguards Branch

TMI - TMI Site Operations Section, TMI Site Staff

Normal MC 2515 inspection frequencies are listed for each IP, as well as inspection windows for starting and completing each IP, based on months prior to Restart (R) or 100% Power Operation (P).

3. Enclosure 2 lists specific MC 2513 and MC 2514 inspection procedures which are applicable to the "preoperational" and "startup testing" aspects of the TMI-1 Restart activities. Each IP number, which ends with an "R" to identify the inspection effort as associated with TMI-1 Restart, corresponds with a "B" inspection procedure of the MC 2513 and MC 2514 programs. Section assignments for performing each inspection procedure and inspection windows are listed as described above.

4. Enclosure 3 lists specific modifications requiring NRC approval, which are required by NRC Order or licensee commitment to be completed prior to or after TMI-1 Restart. Each of these modifications requires inspection per IP 37701B and in most cases per IP 72701B. Known requirements for performing IP 55700B, 57700B, and 63700B are also listed, recognizing that additional requirements for performing these inspection procedures may be identified when completing 37701B.

5. Enclosure 4 lists specific requirements of reference (b), which are categorized into various inspection areas. The enclosure is provided as an inspection aid so that requirements similar in nature are reviewed for compliance during anticipated special programmatic inspections.

6. Each Region I Section Chief should review the enclosures to identify those inspection procedures assigned for completion. A schedule for performing assigned IPs should be submitted to R. Keimig as soon as possible, but no later than February 15, 1980. For inspection scheduling purposes, assume a TMI-1 Restart (R) of October 1, 1980 and 100% Power Operation (P) of December 1, 1980. Identify the period(s) for completing each inspection procedure (and the inspector designated to perform each IP if known). Inspection procedures which require assistance from outside Region I to complete should be identified to me.

7. An integrated inspection schedule for TMI-1 Restart will be prepared by D. Haverkamp by February 27, 1980, based upon inputs provided to R. Keimig, above. The integrated inspection schedule will also indicate responsibility for reviewing IE Bulletins and other matters in response to IE Manual temporary instructions.

B. H. Grier
Director

Enclosures: As stated

cc:
A. N. Fasano, Chief, Site Operations Section, NRC/TMI Technical Support Staff
D. R. Haverkamp, TMI-1 Senior Resident Inspector, NRC/TMI Technical Support Staff
K. E. Plumlee, Acting Senior Radiation Specialist, NRC/TMI Technical Support Staff

INSPECTION PROCEDURES - TMI-1 OPERATIONS PHASE

Procedure Number (Assignment)	Title	May be Started	Must be Started	Must be Complete
30703B (ALL)	Management Meeting - Entrance and Exit Interviews (Each Insp)	Each Inspection----------		
35701B (NS2)	QA Program - Annual Review (A)	R-9	R-6	R-3
35751B (NS2)	QA/QC Administration Program (3 yr)	R-9	R-6	R-3
36700B (TMI)	Organization and Administration (A)	R-9	R-6	R-3
36701B (NS2)	Qualification of Personnel Program (3 yr)	R-9	R-6	R-3
37700B (NS2)	Design Changes and Modifications (A)	R-9	R-6	R-3
37701B (ES1/ES2)	Facility Modifications (W)	R-9[1]	R-6[1]	R-3[1]
37702B (NS2)	Design Changes and Modification Program (3 yr)	R-9	R-6	R-3
37703B (NS2)	Tests and Experiments Program (3 yr)	R-9	R-6	R-3
38701B (NS2)	Procurement Control Program (3 yr)	R-9	R-6	R-3
38702B (NS2)	Receipt, Storage and Handling of Equipment Program (3 yr)	R-9	R-6	R-3
39701B (NS2)	Records Program (3 yr)	R-9	R-6	R-3
39702B (NS2)	Document Control Program (3 yr)	R-9	R-6	R-3
40700B (TMI)	Onsite Review Committee (A)	R-9	R-6	R-3
40701B (TMI)	Offsite Review Committee (2 yr)	R-9	R-6	R-3
40702B (NS2)	Audit Program (3 yr)	R-9	R-6	R-3
40703B (TMI)	Offsite Support Staff (2 yr)	R-9	R-6	R-3

Enclosure 1

INSPECTION PROCEDURES - TMI-1 OPERATIONS PHASE

Procedure Number (Assignment)	Title		May be Started	Must be Started	Must be Complete
41700B (NS1)	Training	(A)	R-6	R-3	R-1
41701B (NS1)	Requalification Training	(A)	R-6	R-3	R-1
42700B (TMI)	Procedures	(A)	R-9	R-6	R-3
54701B (TMI)	Housekeeping/Cleanliness Program	(3 yr)	R-9	R-6	R-3
55700B (ES1)	Welding	(W)	R-9[1]	R-6[1]	R-3[1]
56700B (NS2)	Calibration	(A)	R-9	R-6	R-3
56701B (NS2)	Calibration	(A)	R-9	R-6	R-3
57700B (ES1)	Nondestructive Examination	(W)	R-9[1]	R-6[1]	R-3[1]
61700B (NS2)	Surveillance	(A)	R-9	R-6	R-3
61701B (NS2)	Surveillance	(R)	R-6	R-3	R-1
61724B (NS2)	Test and Measurement Equipment Program	(3 yr)	R-9	R-6	R-3
61725B (NS2)	Surveillance Testing Program	(3 yr)	R-9	R-6	R-3
62700B (NS2)	Maintenance	(A)	R-9	R-6	R-3
62702B (NS2)	Maintenance Program	(3 yr)	R-9	R-6	R-3
63700B (ES1/ES2)	Construction Testing	(W)	R-9[1]	R-6[1]	R-3[1]
64703B (ES2)	Fire Prevention/Protection Program	(3 yr)	R-9	R-6	R-3
71710B (TMI)	Review of Plant Operations	(Q)	----Each	Quarter----	

INSPECTION PROCEDURES - TMI-1 OPERATIONS PHASE

Procedure Number (Assignment)	Title		May be Started	Must be Started	Must be Complete
71711B (TMI)	Review of Plant Operations	(R)	P-3	P-1	P
72700B (NSI)	Startup Testing - Refueling	(R)	P-3	P-1	P
72701B (NSI)	Startup Testing - New or Modified System	(W)	P-3[1]	P-1[1]	P[1]
73051B (ESI)	Inservice Inspection - Review of Program	(W)	R-9[2]	R-6[2]	R-3[2]
73052B (ESI)	Inservice Inspection - Review of Procedures	(W)	R-9[2]	R-6[2]	R-3[2]
73753B (ESI)	Inservice Inspection - Observation of Work and Work Activities	(R)	As determined by ESI		
73755B (ESI)	Inservice Inspection - Data Review and Evaluation	(R)	As determined by ESI		
80710B (E&SP)	Environmental Protection	(A)	R-6	R-3	R-1
81121B (S&I)	Security Plan	(W)	R-9	R-6	R-3
81123B (S&I)	Security Program Audit	(A)	R-9	R-6	R-3
81125B (S&I)	Security Organization	(1/2)	R-9/R-3	R-7/R-1	R-6/R
81127B (S&I)	Physical Barriers (Protected Area)	(1/2)	R-9/R-3	R-7/R-1	R-6/R
81129B (S&I)	Physical Barriers (Vital Area)	(1/2)	R-9/R-3	R-7/R-1	R-6/R
81131B (S&I)	Lighting	(1/2)	R-9/R-3	R-7/R-1	R-6/R
81133B (S&I)	Access Control (Identification, Authorization, & Badging)	(1/2)	R-9/R-3	R-7/R-1	R-6/R
81135B (S&I)	Access Control (Search)	(1/2)	R-9/R-3	R-7/R-1	R-6/R
81137B (S&I)	Access Control (Escorting)	(1/2)	R-9/R-3	R-7/R-1	R-6/R
81139B (S&I)	Access Control (Vital Areas)	(1/2)	R-9/R-3	R-7/R-1	R-6/R

INSPECTION PROCEDURES - TMI-1 OPERATIONS PHASE

Procedure Number (Assignment)	Title		May be Started	Must be Started	Must be Complete
81141B (S&I)	Alarm Stations	(1/2)	R-9/R-3	R-7/R-1	R-6/R
81143B (S&I)	Detection Aids	(1/2)	R-9/R-3	R-7/R-1	R-6/R
81145B (S&I)	Assessment Aids	(1/2)	R-9/R-3	R-7/R-1	R-6/R
81147B (S&I)	Communications	(1/2)	R-9/R-3	R-7/R-1	R-6/R
81149B (S&I)	Testing and Maintenance	(1/2)	R-9/R-3	R-7/R-1	R-6/R
81151B (S&I)	Compensatory Measures	(1/2)	R-9/R-3	R-7/R-1	R-6/R
81153B (S&I)	Power Supply	(1/2)	R-9/R-3	R-7/R-1	R-6/R
81155B (S&I)	Response	(1/2)	R-9/R-3	R-7/R-1	R-6/R
81157B (S&I)	Locks, Keys and Combinations	(1/2)	R-9/R-3	R-7/R-1	R-6/R
81159B (S&I)	Records and Reports	(1/2)	R-9/R-3	R-7/R-1	R-6/R
82710B (E&SP)	Emergency Planning - Agreements & Coordination with Offsite Agencies	(A)	R-9	R-6	R-3
82711B (E&SP)	Emergency Planning - Facilities & Equipment	(A)	R-9	R-6	R-3
82712B (E&SP)	Emergency Planning - Test & Drills	(A)	R-9[3]	R-6[3]	R-3[3]
83740B (TMI)	Radiation Protection - Operation	(A)	R-9	R-6	R-3
84710B (TMI)	Radioactive Waste Systems, Operation	(A)	R-9	R-6	R-3
84711B (E&SP)	Radioactive Waste Systems, QC and Confirmatory Measurement	(A)	R-9	R-6	R-3
86710B (TMI)	Transportation Program	(A)	R-9	R-6	R-3

INSPECTION PROCEDURES - TMI-I OPERATIONS PHASE

Procedure Number (Assignment)	Title		May be Started	Must be Started	Must be Complete
86712B (TMI)	Initial Use of Packagings	(3 yr)	R-9	R-6	R-3
86714B (TMI)	Routine Use of Packages	(A)	R-9	R-6	R-3
86716B (TMI)	Receiving and Monitoring Packages of Licensed Materials	(A)	R-9	R-6	R-3
86718B (TMI)	Periodic Maintenance of Packagings	(3 yr)	R-9	R-6	R-3
86720B (TMI)	Dot Requirements	(A)	R-9	R-6	R-3
90712B (TMI)	Inoffice Review of Event Reports	(W)	------Upon Receipt----------		
90713B (TMI)	Review of Periodic and Special Reports	(W)	To be Determined Upon Receipt--------		
90714B (TMI)	Nonroutine Reporting Program	(3 yr)	R-9	R-6	R-3
92700B (TMI)	Licensee Event Followup	(W)	To be Determined Upon Receipt--------		
92701B (ALL)	Followup on Inspector-Identified Problems Unresolved Items	(W)	To be Determined as Appropriate		
92702B (ALL)	Followup on Items on Noncompliance/ Deviations	(W)	To be Determined as Appropriate		
92703B (TMI)	IE Bulletin/Circular/Immediate Action Letter Followup	(W)	To be Determined as Appropriate		
92705B (ALL)	Followup on Regional Requests		As Scheduled by[4] Region I----------		
92706B (ALL)	Independent Inspection Effort	(Each Insp)	As Scheduled by Each Inspector		

NOTES:

[1]Refer to Enclosure 3 for specific listing of modifications requiring inspection per procedures 37701B, 55700B, 57700B, 63700B, and 72701B.

[2]Inspection procedures 73051B and 73052B are recommended for completion as indicated. Inspection procedures 73753B and 73755B are to be performed as deemed necessary by the Chief, Engineering Support Section No. 1.

[3]Emergency drill(s) should be witnessed per Inspection Procedure 82712B. TMI Site Staff inspectors should provide support to the coordinating E&SP radiation specialist during the inspection(s).

[4]Inspection effort in addition to that required by this program, specifically directed by Region I, should be documented under Inspection Procedure 92705B.

INSPECTION PROCEDURES - TMI-1 RESTART PHASE

Procedure Number (Assignment)	Title	May be Started	Must be Started	Must be Complete
35301R (NS2)	Quality Assurance for Preoperational Testing	R-9	R-6	R-3
35501R (NS2)	Quality Assurance for Startup Testing Program	P-6	P-3	P
70301R (NS1)	Overall Preoperational Test Program Review Requirements	R-9	R-6	R-3
70302R (NS1)	Preoperational Test Program Implementation	R-6	R-3	R-1
70303R (NS1)	Preoperational Test Procedure Review	R-9	R-6	R-3
70304R (NS1)	Preoperational Test Procedure Review	R-9	R-6	R-3
70306R (NS1)	Preoperational Testing Procedure Review - RPS	R-9	R-6	R-3
70306R (NS1)	Preoperational Testing Procedure Review - LOP	R-9	R-6	R-3
70307R (NS1)	Preoperational Testing Procedure Review - (Containment Leak Rate Testing)	R-9	R-6	R-3
70308R (NS1)	Preoperational Testing Procedure Review - (Integrated Hot Functional Testing)	R-9	R-6	R-3
70311R (NS1)	Preoperational Testing Procedure Verification	R-9	R-6	R-3
70312R (NS1/TMI)	Preoperational Testing Procedure Witness	R-6	R-3	R-1
70313R (NS1/TMI)	Witness Containment Leak Rate Test	R-6	R-3	R-1
70314R (NS1/TMI)	Witness Integrated Hot Functional Test	R-3	R-2	R
70315R (NS1/TMI)	Witness ESF	R-6	R-3	R-1
70316R (NS1/TMI)	Witness Loss of Offsite Power	R-6	R-3	R-1
70317R (NS1/TMI)	Witness RPS	R-6	R-3	R-1

Enclosure 2

INSPECTION PROCEDURES - TMI-1 RESTART PHASE

Procedure Number (Assignment)	Title	May be Started	Must be Started	Must be Complete
70320R (NS1)	Evaluation of Test Results	R-6	R-3	R-1
70322R (NS1)	Evaluation of Test Results - ESF	R-6	R-3	R-1
70323R (NS1)	Evaluation of Test Results - Containment Leak Rate Testing	R-6	R-1	R-1
70324R (NS1)	Evaluation of Test Results - Integrated Hot Functional Testing	R-3	R-1	R
70325R (NS1)	Evaluation of Test Results - RPS	R-3	R-1	R-1
70326R (NS1)	Evaluation of Test Results - Loss of Offsite Power	R-3	R-1	R-1
70329R (NS1)	Verification Tests are Evaluated by Licensee	R-3	R-1	R
71501R (TMI)	Inspection of License and Technical Spec. compliance related to Startup Testing	P-3	P-1	P
72400R (NS1)	Overall Startup Test Program	P-6	P-3	P-1
83530R (TMI)	Radiation Protection - Startup and Power Ascension	P-3	P-2	P-1
84530R (TMI)	Radioactive Waste Systems -- Startup and Power Ascension	P-3	P-2	P-1
72564R (NS1)	Pre-critical Test Procedure Review (Protective Trip Circuit or Rod Drop Measurements)	R-6	R-3	R
72566R (NS1)	Pre-critical Test Procedure Review (RCS Leak Test or Pressurizer Effectiveness)	R-6	R-3	R
72568R (NS1)	Pre-critical Test Procedure Verification for Category II Test and Unreviewed Category I Tests	R-6	R-3	R
72570R (NS1)	Low Power Test Procedure Review (Initial Criticality)	R-6	R-3	R
72572R (NS1)	Low Power Test Procedure Review (Moderator Temperature Coefficient & Control Rod Worth or Boron Worth & Psuedo Rod Ejection Worth)	R-6	R-3	R

INSPECTION PROCEDURES - TMI-1 RESTART PHASE

Procedure Number (Assignment)	Title	May be Started	Must be Started	Must be Complete
72574R (NS1)	Low Power Test Procedure Verification	R-6	R-3	R
72576R (NS1)	Power Ascension Phase Procedure Review (Natural Circulation or Power Reactivity Coefficient Measurement)	R-6	R-3	R
72578R (NS1)	Power Ascension Phase Procedure Review (Evaluation of Core Performance)	R-6	R-3	R
72580R (NS1)	Power Ascension Phase Procedure Review (Turbine Trip or Generator Trip)	R-6	R-3	R
72582R (NS1)	Power Ascension Phase Procedure Review (Shutdown from Outside Control Room or Loss of Offsite Power)	R-6	R-3	R
72584R (NS1)	Power Ascension Procedure Review (Evaluation of Flux Asymmetry or Psuedo Rod Ejection Test)	R-6	R-3	R
72586R (NS1)	Power Ascension Phase Procedure Verification	R-6	R-3	R
72592R (TMI)	Inspector Witness of Criticality	-	T	-
72528R (TMI)	Inspector Witness of Power Ascension Testing	-	T	P
72530R (TMI)	Inspector Witness of a Transient Test	-	T	P
72598R (NS1)	Low Power Level Data Review	D	P-2	P
72608R (NS1)	Power Level Plateau Data Review - 50%	D	P-1	P
72612R (NS1)	Review Test Data - 50%	D	P-1	P
72624R (NS1)	Power Level Data Review - 100% 100%	D	P	P
72628R (NS1)	Review Test Data - 100%	D	P	P

Enclosure 2

INSPECTION PLAN - TMI-I RESTART MODIFICATIONS

NRC ORDER ITEM	DESCRIPTION	INSPECTION PROCEDURES 37701B	55700B*	57700B*	63700B*	72701B
A.	NRC REQUIRED MODIFICATIONS - COMPLETE PRIOR TO RESTART					
1(a)(1)	EFW Auto Start (see 8/2.1.7.a below)	X				X
1(a)(2)	EFW Control Valves (EF-V-30A/B) Fail Open	X			X	X
1(a)(3)	Motor-Driven EFW Pumps Block Loading on Diesel	X				X
1(a)(5)	EFW Flow Indication (see 8/2.1.7.b below)	X	X	X		X
1(a)(8)	Control Room Annunciation for EFW Auto Start	X				X
1(c)	Reactor Trip/Turbine Trip (Control Grade)	X				X
2/IEB 79-05A						
Item 6	Containment Isolation (see 8/2.1.4 below)	X				X
2/IEB 79-05B						
Item 3	PORV Setpoint	X				X
	High Pressure Scram Setpoint	X				X
2/IEB 79-05B						
Item 5	Reactor Trip/Turbine Trip (Safety Grade)	X				X
2/IEB 79-05C						
Long Term 1	Submit Design: Auto Tripping of Operating RCPs	X				X
	TMI-1/TMI-2 Separation					
4	Reactor Coolant Sampling (TMI-2)	X	X	X	X	X
4	Stack Monitor - Shielding	X				
4	Fuel Handling Building/Ventilation	X			X	X
8 (NUREG 0578)						
2.1.1	Pressurizer Heater-Alt. Power Supply	X			X	X
2.1.3.a	PORV/Safety Valve Position Indication	X	X	X		X
	Inadequate Core Cooling Instrumentation					
2.1.3.b	Incore Thermocouples	X				X
2.1.3.b	RCS Saturation Margin Monitor/Tsat Alarm	X				X
2.1.3.b	RCS Hot Leg/Cold Leg Temperatures	X				X

INSPECTION PLAN - TMI-I RESTART MODIFICATIONS (CONT)

NRC ORDER ITEM	DESCRIPTION	INSPECTION PROCEDURES 37701B	55700B*	57700B*	63700B*	72701B
2.1.3.b	Submit Design: RCS Level Instrument	X	X	X		X
2.1.4	Containment Isolation (see 2/IEB 79-05A, Item 6)	X				X
2.1.5.a	Submit Design: Hydrogen Recombiner	X	X	X	X	X
2.1.6.b	Submit Design: Plant Shielding Review	X				
2.1.7.a	EFW Auto Start (Control Grade (see 1(a)(1))	X				X
2.1.7.b	EFW Flow Indication (see 1(a)(5))	X	X	X		X
2.1.8.a	Submit Design: Post Accident Sampling-Containment Sump	X	X	X	X	X
2.1.8.c	Improved Iodine Instrumentation	X				X
--	Submit Design: RCS Venting	X	X	X	X	X
2.2.2.b	Onsite Technical Support Center	X				X
2.2.2.c	Onsite Operational Support Center	X				X
B.	NRC REQUIRED MODIFICATIONS - COMPLETE AFTER RESTART					
3 (NUREG 0578 Category B Recommendations)						
2.1.3.b	RCS Level Instrument	X				X
2.1.5.a	Hydrogen Recombiner	X				X
2.1.6.b	Plant Shielding Mods	X				X
2.1.7.a	EFW Auto Start (Safety Grade)	X				X
2.1.8.a	Post Accident Sampling	X				X
2.1.8.b	High Range Radiation Monitors	X				X
(ACRS)	Containment Pressure Monitor	X				X
(ACRS)	Reactor Bldg Sump Level/Water Level	X				X
(ACRS)	Containment Hydrogen Monitor	X				X
(DENTON)	RCS Venting	X				X

INSPECTION PLAN - TMI-I RESTART MODIFICATIONS (CONT)

NRC ORDER ITEM	DESCRIPTION	INSPECTION PROCEDURES 37701B	55700B*	57700B*	63700B*	72701B
C.	OTHER MODIFICATIONS REQUIRING NRC APPROVAL - COMPLETE PRIOR TO RESTART					
--	Approved HPI Cross Connection (Small Break Loca)	X	X	X	X	X
D.	OTHER MODIFICATIONS REQUIRING NRC APPROVAL - COMPLETE AFTER RESTART					
--	Auto BWST Switchover	X	X	X	X	X
--	RB Spray System Upgrade/Sodium Thiosulfate Additon	X	X	X	X	X

*Additional requirements for performing inspection procedures 55700B, 57700B, and 63700B may be identified and scheduled when completing 37701B.

PROGRAMMATIC SUMMARY OF OTHER NRC ORDER REQUIREMENTS

NRC ORDER ITEM	DESCRIPTION
A. PROCEDURES/TRAINING	
1(a)(6)	EFW Available and Properly Applied When Required
1(a)(7)	EFW Availability During Surveillance Testing
1(b)	EFW Operating Procedures Independent of ICS
1(d)	Potential Small Breaks - Operator Instructions
2	
IEB 79-05A	
Item 3	Transient/Accident Actions Regarding Voids
Item 4.d	Parameter Indications In Evaluating Plant Conditions
Item 5	EFW and Safety-Related Valve Positions and Positioning
Item 9	Rad Gas/Liquid Transfer Systems Out of Containment
Item 10	System Operability Verification During Maintenance/Test
IEB 79-05B	
Item 1	Natural Circulation Operation
Item 2	Operator Override of ESF and HPI Actuation on Low Pressure
Item 4	Manual Reactor Trip for RCS Pressure Increasing Transients
Item 6	Prompt Reporting Procedures for NRC Notification
IEB 79-05C	
Item 1	A. Upon Reactor Trip and HPI Initiation, Trip All Operating RCPs B. Provide Two Licensed Operators in Control Room
Item 3	New Guidelines - Operator Action Including RCP Trip
Item 4	Emergency Procedures Based on Guidelines Above
Item 5	Inadequate Core Cooling Guidelines and Procedures (ref. 2.1.9 of NUREG-0578)/RCP Restart
4	Rad Liquid Transfer Line Isolation
8-NUREG 0578	
2.1.2	Relief and Safety Valve Testing Program Description
2.1.3.b	ICC Procedures
2.1.5.c	Recombiner Procedures
2.1.8.a	Post Accident Sampling
2.2.1.a	Shift Supervisor Responsibilities
2.2.1.b	Shift Technical Advisor
2.2.1.c	Shift Turnover Procedures
2.2.2.a	Control Room Access Control
2.1.9	Small Break LOCA Procedures (12/31/79) Inadequate Core Cooling Procedures (Jan 1980) Accident and Transient Emergency Procedures (Mid 1980)
Additional Concerns	
3-NUREG 0578 CATEGORY B RECOMMENDATIONS	
2.2.1.b	Shift Technical Advisor Training

PROGRAMMATIC SUMMARY OF OTHER NRC ORDER REQUIREMENTS (CONT)

NRC ORDER ITEM	DESCRIPTION
B. VALVE VERIFICATION AND SYSTEM INTEGRITY	
2. IEB 79-05A	
Item 5	Safety-Related Valve Positions and Positioning
Item 6	Containment Isolation (Auto) Valve Positions
Item 7	EFW Valve Positions
8-NUREG 0578	
2.1.6.a	Systems Integrity for High Radioactivity A. Immediate Leak Reducation Program B. PM Program
C. TECHNICAL SPECIFICATION REVISIONS	
1(a)(4)	EFW Flow Path LCO
2/IEB 79-05A	
Item 8	EFW Flow Path LCO
2/IEB 79-05B	
Item 3	High Pressure Scram Setpoint
2/IEB 79-05B	
Item 7	NRC Notification/Communications
D. RADWASTE	
4	TMI-I/TMI-2 Radwaste, Ventilation and Sampling Separation
5	Waste Management Capability
E. ORGANIZATION AND STAFFING	
6	Managerial Capability and Resources --Adequacy of Safety Review and Advisory Groups --Management and Technical Capability and Training of Operations Staff --Adequacy of Operational QA Program --Adequacy of Facility Procedures --Capability of Support Organizations, e.g., Health Physics and Plant Maintenance
8-NUREG 0578	
2.2.1.a	Shift Supervisor Responsibilities
2.2.1.b	Shift Technical Advisor

PROGRAMMATIC SUMMARY OF OTHER NRC ORDER REQUIREMENTS (CONT)

NRC ORDER ITEM	DESCRIPTION
F. EMERGENCY PLANNING	
3(b)	Emergency Operations Center for Federal, State and Local Officials. (Primary and Alternate Locations)
3(c)	Offsite Monitoring Capability, Including TLDs or Equivalent
3(e)	Test Exercise of Emergency Plan
2.2.2.b	Onsite Technical Support Center
2.2.2.c	Onsite Operational Support Center
Additional Concerns	
4	Improve Emergency Preparedness --Modify Plans W.R.T. Changing Capabilities of Plant Instrumentation --Extend Capability to 10 Miles