

DEC 13 1985

R3  
JLW

MEMORANDUM FOR: R. Bernero, Director, Division of Boiling Water Reactor  
Licensing, NRR

FROM: Charles E. Norelius, Director, Division of Reactor Projects,  
Region III

SUBJECT: CLEVELAND ELECTRIC ILLUMINATING COMPANY (CEI), PERRY UNIT 1  
STATUS OF PREPAREDNESS FOR LICENSING

This memorandum is forwarded in accordance with IE MC 94300 to provide you information on the preparedness for licensing of Perry Unit 1. Enclosures 1 through 4 include those items requiring inspection and resolution before Region III can make a recommendation for licensing. The categories used are consistent with those used by the applicant. Cleveland Electric Illuminating estimates a fuel load date of December 1985. Please note in Enclosure 2 the high number of licensee identified deficiencies remaining to be completed both prior to and following fuel load. We believe the number of items should be reduced to a manageable level before a fuel load license is issued. Region III considers January 1986 as a realistic time frame for a licensing decision, contingent upon satisfactory resolution of the issues presented in the enclosures to this memo.

If you have any questions concerning this matter, please contact me or Mr. R. C. Knop of my staff.

Original Signed by C.E. Norelius

Charles E. Norelius, Director  
Division of Reactor Projects

Enclosures:

1. Outstanding Items Including  
Enforcement and Unresolved  
Items
2. Preoperational and Acceptance  
Testing Status
3. Construction Status
4. Status of Inspections Required  
by MC 2512, MC 2513 and  
MC 2514 (Summary)

RIII *RLK*  
McCormick-  
Barger/rl  
12/12/85

RIII  
*RLK*  
Knop  
12/12/85

RIII  
*RFW*  
Warnick  
12/13/85

RIII  
*RLK*  
Paperiello  
12/12/85

RIII  
*RLK*  
Hind  
12/13/85

RIII  
*RLK*  
Norelius  
12/13/85

F/20

## Enclosure 1

### Outstanding Items Including Enforcement and Unresolved Items

Below is a summary of all outstanding Region III inspection items that require review by the staff prior to their closure with their respective milestone due date requirements.

#### I. Open, Unresolved and Enforcement Items

- A. Attachment 1 to Enclosure 1 is a list of all open, unresolved and enforcement items that must be closed prior to fuel load.

##### Summary

There are 39 open items, 6 unresolved items, and 2 enforcement items that must be closed prior to fuel load.

- B. Attachment 2 to Enclosure 1 is a list of all open, unresolved and enforcement items that must be closed prior to initial criticality.

##### Summary

There is 1 unresolved item and 4 open or enforcement items that must be closed prior to initial criticality.

- C. Attachment 3 to Enclosure 1 is a list of all open, unresolved and enforcement items that must be closed prior to exceeding 5% power.

##### Summary

There are 3 open items and no unresolved or enforcement items that must be closed prior to exceeding 5% power.

- D. Attachment 4 to Enclosure 1 is a list of all open, unresolved and enforcement items that are not required to be closed by fuel load, initial criticality, or full power operation but remain as open until reviewed by an NRC inspector.

##### Summary

There is 1 enforcement item and 7 open or unresolved items currently classified as not required to be closed by fuel load, initial criticality, or full power operation.

II. Open Deficiency Reports - 10 CFR Part 50.55(e) and 10 CFR Part 21 Reports

- A. Attachment 5 to Enclosure 1 is a list of all Deficiency Reports that must be closed prior to fuel load.

Summary

There are 5 10 CFR Part 50.55(e) reports and 3 10 CFR Part 21 reports that must be closed prior to fuel load.

III. IE Bulletins and Circulars

- A. Attachment 6 to Enclosure 1 is a list of all Bulletins and Circulars that must be closed prior to fuel load.

Summary

There is 1 Bulletin and no Circulars that must be closed prior to fuel load.

- B. Attachment 7 to Enclosure 1 is a list of all Bulletins and Circulars that must be closed prior to exceeding 5% power.

Summary

There is 1 Bulletin and 1 Circular that must be closed prior to exceeding 5% power.

IV. Open Allegations

There are currently seven open Allegations that are assigned to and will be investigated by Region III staff. It is expected that these allegations will be investigated prior to fuel load. Closure of the allegations will depend on the outcome of the investigations and acceptance of the licensee responses/actions if any are required.

Allegation Tracking Numbers:

1. AMS No. RIII-85-A-0076
2. AMS No. RIII-85-A-0080
3. AMS No. RIII-85-A-0124
4. AMS No. RIII-85-A-0125
5. AMS No. RIII-85-A-0171
6. AMS No. RIII-85-A-0193
7. AMS No. RIII-85-A-0194

In addition to the above allegations, the Office of Investigation is currently investigating reports of alleged wrongdoing.

Enclosure 2

Preoperational and Acceptance Testing Status

Region III preoperational test phase inspection program (preoperational and acceptance test) is approximately 90% complete. The overall status of the test program is listed below. NOTE: Some tests included in the status below may not be required prior to fuel load.

	<u>No. Tests</u>	<u>No. Started</u>	<u>No. Completed</u>	<u>Final Approval CEI</u>	<u>Procedures Reviewed** By NRC</u>	<u>Results Review</u>
Preoperational Tests	106***	103	102	95	92*	58*
Acceptance Tests	116	116	115	115	83*	76*

\*These numbers represent the combined total of both nondetailed verifications and detailed reviews.

\*\*The procedure review by the NRC is complete.

\*\*\*The licensee has provided the NRC with a list of three preoperational tests that they intend not to complete prior to fuel load which are included in the 106 tests listed above. The NRC is reviewing this list to determine if the deferrals are acceptable.

Status of Licensee Identified Deficiencies or Uncompleted Work Items As Of December 9 1985 (Categorization is by CEI)

Deficiencies that impact fuel load:	1585*
Deficiencies that must be resolved prior to exceeding 5% power	1325*
Deficiencies that impact Commercial Operation:	832*
Deficiencies required to be resolved by first refueling or after	414*
Total Deficiencies	3,156*

\*These numbers included items not previously reported that were being tracked on list other than the Master Deficiency List (MDL).



Enclosure 3

Construction Status

As of September 1985, construction at Perry Unit 1 is essentially complete.

Critical Path Items: (Not listed in order of priority)

1. Preoperational testing and systems demonstrations.
2. Fire protection system compliance (Penetration fire seals, hardware modification, fire dampers, etc.).
3. Resolution of Open Items, Deficiency Reports, Allegations and Punch List Items.
4. Operational Procedure development and review.

Enclosure 4

Status of Inspection Required By MC 2512, 2513, and 2514

All modules in the NRC Region III inspection program required to be complete prior to fuel load have been completed except the following:

Identified in parentheses with each module title are the division and section responsible for completing the module. Abbreviations used for the organizations are listed below:

Division of Reactor Projects	DRP
Division of Reactor Safety	DRS
Materials and Processes Section	M&PS
Plant Systems Section	PSS
Test Programs Section	TPS
Operational Programs Section	OPS
Quality Assurance Programs Section	QAPS
Operator Licensing Section	OLS
Division of Radiation Safety and Safeguards	DRSS
Emergency Preparedness Section	EPS
Physical Security Section	SG
Facilities Radiation Protection Section	FRPS
Independent Measurements and Environmental Protection Section	IM&EP

MC 2512 - Construction Phase

The MC 2512 program is essentially complete as of December 1, 1985, with only some open items remaining.

MC 2513 - Preoperational Testing and Operational Preparedness Phase

<u>Module No.</u>	<u>Title</u>	<u>Percent Complete</u>	<u>Reason Not Complete</u>
35743	QA Program - Maintenance (DRS-QAPS)	50%	Note 7
35744	QA Program - Design Changes and Modifications (DRS-QAPS)	50%	Note 7
35746	QA Program - Procurement Control (DRS-QAPS)	50%	Note 7
35749	QA Program - Tests and Experiments (DRS - QAPS)	50%	Note 7
42452	Emergency Procedures Inspection (DRP)	75%	Note 1
64703	Fire Protection/Prevention Program (DRS-OPS)	95%	Note 1
70312	Preoperational Test Witnessing Verification (DRS-TPS/DRP)	92%	Note 2
70313	Containment System - Integrated Leak Rate Test (DRS-OPS)	70%	Note 7
70315	Preoperational Test Witness - Engineered Safety Features Test (DRS-TPS/DRP)	88%	Note 2
70322	Evaluation of Test Results - Engineered Safety Features Test (DRS-TPS)	63%	Notes 3 and 4
70325	Evaluation of Test Results - Reactor Protection System Test (DRS-TPS)	30%	Notes 3 and 4
70326	Evaluation of Test Results - Loss of Offsite Power Test (DRS-TPS)	30%	Notes 3 and 4
70329	Verification that Tests are Evaluated by Licensee (DRS-TPS)	80%	Notes 3 and 4
70370	Testing of Pipe Supports and Restraint Systems (DRS-M&PS)	50%	Note 6
70400	Preoperational Test Results Evaluation (DRS-TPS)	57%	Notes 3 and 4



70444	Containment Isolation Valve System Test Witnessing (DRS-TPS/DRP)	50%	Note 5
70542	Containment System - Combustible Gas Control System - Test Results Evaluation (DRS-TPS)	50%	Notes 3 and 4
70544	Containment Isolation Valves - Test Result Evaluation (DRS-TPS)	0%	Notes 3 and 4
70559	Recirculation System Flow Control Test - Test Results Evaluation (DRS-TPS)	0%	Notes 3 and 4
79501	LWR Water Chemistry Control and Chemical Analysis	80%	Note 7
79502	Plant Systems Affecting Water Chemistry	80%	Note 7

It is estimated that the MC 2513 Program is approximately 96% complete as of December 1, 1985.

Note 1: Inspection in progress or scheduled.

Note 2: Preoperational testing is still in progress and is being witnessed in accordance with an established schedule.

Note 3: Waiting for approved test results from licensee.

Note 4: Waiting completion of preoperational testing prior to module completion.

Note 5: Waiting on licensee to perform test.

Note 6: Piping thermal expansion inspection will be completed after fuel load. Piping vibration is complete to support fuel load.

Note 7: Required portion of modules are complete to support fuel load, implementation portion will be completed within 6 months after fuel load.

### MC 2514 - Startup Testing Phase

It is estimated that the pre-fuel load portion of the MC 2514 program is approximately 95% complete as of November 26, 1985. Only open inspection items assigned to the Test Program Section and Projects Section 1C remain to be closed to complete this inspection program.

12/11/85

ITEM						RESOLUTION	
ITEM NO./ RESPONSE DUE	INSPECTOR/ MODULE NO.	ITEM TYPE/ BRIEF DESCRIPTION	FACILITY NAME	LICENSEE DESIGNATED NO.	INTERIM INSPECTION	INSPECTOR ASSIGNED	CLOSEOUT REPORT NO.
440/*****		OPEN ITEM STATUS * STATUS KEY - EFFECTIVE 03/01/85  A ITEM THAT MUST BE CLOSED PRIOR TO FUEL LOAD B ITEM THAT MUST BE CLOSED PRIOR TO INITIAL CRITICALITY C ITEM THAT MUST BE CLOSED PRIOR TO EXCEEDING 5% POWER D ITEM NOT REQUIRED TO BE CLOSED BY FUEL LOAD, INITIAL CRITICALITY, OR FULL POWER OPERATION	PERRY 1				
440/84015-02	GROBE 92702	STATUS A VIOLATION SEVERITY LEVEL 4 INSTRUMENT AIR SYSTEM CLEANLINESS NOT VERIFIED DURING TESTING. CONCERNS REMAIN IN REGARD TO FUTURE SYSTEM CLEANLINESS. NRR APPROVAL OF FSAR AMENDMENT IS REQUIRED.	PERRY 1		85039 85066	SCHEIRELMUT SCHEIRELMUT	
440/84028-01	GROBE	STATUS A OPEN ITEM INADEQUATE FUSE CONTROL EQUIPMENT OPERATIONAL STATUS AWARENESS.	PERRY 1			GROBE	
440/850XX-01	CEI	STATUS A OPEN ITEM OCTOBER 10, 1985 INADVERTENT OVERPRESSURIZATION OF THE NON-SAFETY-RELATED CST TEST RETURN LINE. REF: MEMO FROM KNOP TO DANIELSON DATED 10/30/85.	PERRY 1			DANIELSON	
440/85002-02	OFDWEYER 70304	STATUS A UNRESOLVED ITEM USE OF GE AND GAI TEST SPECIFICATIONS WHEN WRITING PREOPERATIONAL TESTS OR APPROVED TEST RESULTS WITHOUT INCORPORATING DESIGN REQUIREMENTS. ACCEPTANCE CRITERIA CONSIDERATION OF INSTRUMENT INACCURACY. SPECIAL PROJECT PLAN TO ADDRESS PROBLEM. INSPECTOR WILL REVIEW THE SPECIAL PROJECT PLAN THAT LICENSEE DEVELOPED TO ADDRESS THIS ITEM AND OTHER ISSUES.	PERRY 1		85042 85063	HILLS HILLS	

12/11/85

## REGION III TRACKING SYSTEM

PAGE 2 ATTACHMENT 1 TO ENCLOSURE 1 UPDATED - 12/11/85  
PERRY - STILL OPEN SORT BY STATUS KEY: A

ITEM NO./ RESPONSE DUE	INSPECTOR/ MODULE NO.	ITEM TYPE/ BRIEF DESCRIPTION	FACILITY NAME	LICENSEE DESIGNATED NO.	INTERIM INSPECTION ASSIGNED	CLOSEOUT REPORT NO.
RESOLUTION						
440/85010-03	GROHE 42450 STATUS A	OPEN ITEM PREOPERATIONAL TESTS TO SATISFY SURVEILLANCE REQUIREMENTS.	PERRY 1		GROHE	
440/85010-05	GROHE 40301 STATUS A	OPEN ITEM SECURITY PLAN INSTRUCTIONS APPROVED BY PORC BEING WRITTEN TO AN UNAPPROVED SECURITY PLAN.	PERRY 1		GROHE	
440/85010-07	GROHE 41301 STATUS A	OPEN ITEM GENERAL EMPLOYEE TRAINING DEFICIENCIES.	PERRY 1	85046	GROHE	
440/85012-03	KNICELEY 81022 STATUS A	OPEN ITEM SUFFICIENT SECURITY FORCE MEMBERS NEED TO BE HIRED, TRAINED AND CERTIFIED AS PROFICIENT IN TASK ASSIGNMENTS.	PERRY 1		KNICELEY	
440/85015-02	BNL STATUS A	OPEN ITEM PROPOSED MODIFICATIONS TO PROVIDE SEPERATION BETWEEN REDUNDANT TRAINS IN FIRE AREA WERE NOT INSTALLED.	PERRY 1		GUL DEMOND FOLLOWUP DUE DATE: 09/01/85	
440/85015-07	GUL DEMOND 30703 STATUS A	OPEN ITEM LICENSEE HAD NOT COMPLETED AND ANALYSIS FOR CURRENT TRANSFORMER SECONDARIES.	PERRY 1		GUL DEMOND	
440/85015-13	HOLMES 64706 STATUS A	OPEN ITEM DIESEL FIRE PUMP ACCEPTANCE TEST LICENSEE HAS BEEN REQUESTED TO PROVIDE PAGES 69 TO 101 WHICH WERE BEING UP-DATE DURING THE INSPECTION. THE LICENSEE HAS ALSO BEEN REQUESTED TO PROVIDE A FIELD ACCEPTANCE TEST WITH CRUMH POINT INCLUDED.	PERRY 1		GUL DEMOND FOLLOWUP DUE DATE: 09/01/85	



ITEM		RESOLUTION				
ITEM NO./ RESPONSE DUE	INSPECTOR/ MODULE NO.	ITEM TYPE/ BRIEF DESCRIPTION	FACILITY NAME	LICENSEE DESIGNATED NO.	INTERIM INSPECTION ASSIGNED	CLOSEOUT REPORT NO.
440/85015-14	MOLMES 64703 STATUS A	OPEN ITEM CARBON DIOXIDE SYSTEM ACCEPTANCE TEST. CONCENTRATION TEST MANUFACTURES TEST.	PERRY 1		GULDEMOND FOLLOWUP DUE DATE: 09/01/85	
440/85015-20	BNL 64704 STATUS A	OPEN ITEM FIRE DAMPERS REVISE SECTION OF PROCEDURE TO INCLUDE USE OF HEAT GUN. LICENSEE IS TO VERIFY THAT SIZE OF GAUGED FIRE DAMPERS AND INDIVIDUAL FIRE DAMPER SECTIONS DO NOT EXCEED TESTED CONFIGURATIONS.	PERRY 1		GULDEMOND FOLLOWUP DUE DATE: 09/01/85	
440/85015-25	GULDEMOND 64703 STATUS A	OPEN ITEM LICENSEE WAS REQUESTED TO VERIFY THAT THE NEW GYPSUM BOARD WALL CONFIGURATION IS CONSISTANT WITH THE CONFIGURATION REVIEWED AND APPROVED IN SSER NO. 4.	PERRY 1		GULDEMOND	
440/85015-26	BNL 64703 STATUS A	OPEN ITEM FIRE DETECTION SYSTEM CONCERN TO VERIFY THE DESIGN IS IN ACCORDANCE WITH NFPA 720.	PERRY 1		GULDEMOND	
440/85015-27	BNL 64704 STATUS A	OPEN ITEM LICENSEE WAS REQUESTED TO PROVIDE DRAINAGE FOR ACCUMULATION OF WATER IN EACH SWITCHGEAR RM. IN ACCORDANCE WITH NFPA 92M.	PERRY 1		GULDEMOND	
440/85015-29	BNL 64703 STATUS A	OPEN ITEM NRR REVIEWER REQUESTED THE LICENSEE TO IDENTIFY THE REASONS FOR THE FAILURE AND PROVIDE VERIFICATION THAT ALL FIRE DAMPERS HAVE BEEN INSTALLED AND TESTED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.	PERRY 1		GULDEMOND	

12/11/85

ITEM				RESOLUTION			
ITEM NO./ RESPONSE DUE	INSPECTOR/ MODULE NO.	ITEM TYPE/ BRIEF DESCRIPTION	FACILITY NAME	LICENSEE DESIGNATED NO.	INTERIM INSPECTION	INSPECTOR ASSIGNED	CLOSEOUT REPORT NO.
440/85022-07	TMI ACT. PLAN 92701 STATUS A	OPEN ITEM  DETERMINE THAT THE LICENSEE HAS PROVIDED PROCEDURES FOR NORMAL TRANSIENT, AND ACCIDENT CONDITIONS IN ACCORDANCE WITH SER 4.4.7.2, 6.3.3 AND 13.5.2.2 AND SSER3 13.5.2.2(TMI #1C) AND 1C9).	PERRY 1		85066	GROBE SCHEIRELMUT	
440/85022-28	TMI ACT. PLAN STATUS A	OPEN ITEM  VERIFY THAT THE RHR SYSTEM TESTING VERIFIES SER 5.4.2 PARAMETERS (TMI #11.K.1.22).	PERRY 1			GROBE	
440/85022-43	TMI ACT. PLAN STATUS A	OPEN ITEM  DETERMINE THAT RCIC TESTING IS PERFORMED IN ACCORDANCE WITH SSER2 SECTION 7.4.2.4.	PERRY 1			GROBE	
440/85022-46	GROBE 37301 STATUS A	OPEN ITEM  UPDATED FSAR P&ID.	PERRY 1			GROBE	
440/85022-48	GROBE 37301 STATUS A	OPEN ITEM  SRIA AND RHR AS-BUILT DISCREPANCIES.	PERRY 1			GROBE	
440/85033-01	NRR 92706 STATUS A	OPEN ITEM  VERIFY THAT DIVISION 3 ATWS CABLING IS ROUTED IN SEPARATE CONDUITS FROM THE DIVISION 3 MPCS CABLING (ICSB TRIP REPORT, SECTION 2.0).	PERRY 1			C WILLIAMS	
440/85033-06	NRR 92706 STATUS A	OPEN ITEM  VERIFY THAT THE LOCATION OF THE CLASS 1E AND NON-CLASS 1E BOUNDARY FOR THE RPS MG SET CONTROL SYSTEM IS LOCATED AT THE EPAS. IN ADDITION, VERIFY THE LOCATION OF THE DIVISIONAL AND NON-DIVISIONAL BOUNDARY FOR THE RPS MG SET CONTROL SYSTEM (ICSB TRIP REPORT, SECTION 3.8).	PERRY 1			C WILLIAMS	

ITEM		RESOLUTION				
ITEM NO./ RESPONSE DUE	INSPECTOR/ MODULE NO.	ITEM TYPE/ BRIEF DESCRIPTION	FACILITY NAME	LICENSEE DESIGNATED NO.	INTERIM INSPECTION ASSIGNED	CLOSEOUT REPORT NO.
440/85033-07	NRR 92706 STATUS A	OPEN ITEM  VERIFY THAT HEAT TRACING HAS BEEN INSTALLED ON THE SAFETY RELATED SENSING LINES LOCATED IN THE OUTDOOR BUNKER THAT IS ADJACENT TO THE CONDENSATE STORAGE TANK (ICSB TRIP REPORT, SECTION 4.4).	PERRY 1		J MCCORMICK-BAR	
440/85033-17	GR0RE 42451 STATUS A	OPEN ITEM  BATTERY MAINTENANCE PRACTICES PRIOR TO SERVICE AND PERFORMANCE TESTING IN CONFLICT WITH IEEE 450-1975.	PERRY 1		GR0RE	
440/85033-19	GR0RE 71301 STATUS A	OPEN ITEM  TECHNICAL SPECIFICATION SETPOINT LEAVE-AS-IS ZONE (ITS 3.3.2, 3.3.3, AND 3.3.4).	PERRY 1		GR0RE	
440/85033-21	GR0RE 70315 STATUS A	OPEN ITEM  USE OF SWITCH CAPS IN THE CONTROL ROOM TO DESIGNATE OOS EQUIPMENT THAT IS TAGGED IN THE FIELD.	PERRY 1		GR0RE	
440/85036-01	KEATING 92706 STATUS A	OPEN ITEM  NUCLEAR GRADE COATING IN CONTAINMENT HAVE BEEN FOUND TO BE INADEQUATE IN SEVERAL LOCATIONS.	PERRY 1		KEATING	
440/85042-03	HILLS 703058 STATUS A	UNRESOLVED ITEM  PROCEDURE ACCEPTANCE CRITERIA SETPOINT TOLERANCES NOT CONSISTENT WITH PROPOSED PERRY PLANT SPECIFIC METHODOLOGY WITH LEAVE AS IS ZONE.	PERRY 1		HILLS	

ITEM NO./ RESPONSE DUE	INSPECTOR/ MODULE NO.	ITEM TYPE/ BRIEF DESCRIPTION	FACILITY NAME	LICENSEE DESIGNATED NO.	INTERIM INSPECTION ASSIGNED	CLOSEOUT REPORT NO.
440/85046-01	DUNAWAY 36301 STATUS A	UNRESOLVED ITEM A. VARIANCE BETWEEN ANSI AND PNPP DEFINITION OF PLANT MANAGER, 85056 B. FOUR EXAMPLES OF QUALIFICATIONS DISCREPANCIES FOR OPERATIONS STAFF.	PERRY 1		GROBE	
440/85046-03	LANEGRUNT 71301 STATUS A	OPEN ITEM NO TECHNICAL SPECIFICATIONS FOR RRCS AND ARI.	PERRY 1		GROBE	
440/85046-04	GROBE 71301 STATUS A	OPEN ITEM NO HIGH PRESSURE TEST REQUIREMENTS POST LICENSE ISSURANCE FOR THE DRYWELL.	PERRY 1		GROBE	
440/85053-01	ODWYER 92702R STATUS A	VIOLATION SEVERITY LEVEL 4 INADEQUATE PREOPERATIONAL TEST PROCEDURE TP 1PST-P001 SAFETY RELATED INSTRUMENT A1H BECAUSE IT DID NOT ADEQUATELY CONTROL SEQUENCE OF TESTING.	PERRY 1		HILLS	
440/85053-06	HILLS 72400R STATUS A	OPEN ITEM AWAITING NRR ACTION ON LICENSEE PLANNED SUBMITTAL TO DELETE STARTUP TESTING REQUIREMENTS FOR MAIN STEAM ISOLATION VALVE LEAKAGE CONTROL SYSTEM.	PERRY 1		HILLS	
440/85053-07	HILLS 70400R STATUS A	OPEN ITEM INSPECTOR TO REVIEW ADMINISTRATIVE CONTROLS FOR CONDUCTED PREOPERATIONAL TESTS DEFERRED BEYOND FUEL LOAD IF ANY ARE DEFERRED.	PERRY 1		HILLS	



PERRY - ATTACHMENT 1 TO ENCLOSURE 1 UPDATED - 12/11/85  
STILL OPEN SORT BY STATUS KEY: A

ITEM						RESOLUTION	
ITEM NO./ RESPONSE DUE	INSPECTOR/ MODULE NO.	ITEM TYPE/ BRIEF DESCRIPTION	FACILITY NAME	LICENSEE DESIGNATED NO.	INTERIM INSPECTION	INSPECTOR ASSIGNED	CLOSEOUT REPORT NO.
440/85056-01	GRÖRE 392706 STATUS A	OPEN ITEM  POTENTIAL VIOLATION OF FIRE RESISTANCE RATING OF CONTROL COMPLEX GYPSUM BOARD WALLS AND PARTITIONS DUE TO PENETRATIONS MADE FOR MOUNTING VARIOUS EQUIPMENT.	PERRY 1			GRÖRE	
440/85056-02	GRÖRE 392706 STATUS A	OPEN ITEM  NONCONFORMANCE TRACKING FOR AUGMENTED QUALITY SYSTEMS.	PERRY 1			GRÖRE	
440/85056-03	GRÖRE 371301 STATUS A	OPEN ITEM  TECHNICAL SPECIFICATION 4.8.1.1.2.e.14.a (2) AND (3) INCONSISTENT WITH PREOPERATIONAL TEST RESULTS.	PERRY 1			GRÖRE	
440/85056-04	CONNAUGHTON 371301 STATUS A	OPEN ITEM  APPLICANT TO PROVIDE AN AUGMENTED PROCEDURE AND TRAINING PROGRAM FOR INDIVIDUALS PERFORMING 10 CFR 50.59 APPLICABILITY CHECKS.	PERRY 1		85059	CONNAUGHTON GRÖRE	
440/85059-02	CONNAUGHTON 42400 STATUS A	UNRESOLVED ITEM  PROGRAMMATIC RESOLUTION OF INCOMPLETE PROCEDURAL ITEMS.	PERRY 1			CONNAUGHTON	
440/85059-03	CONNAUGHTON 42450 STATUS A	OPEN ITEM  SVI H-21-T0061H DEFICIENCIES.	PERRY 1			CONNAUGHTON	
440/85059-04	HARTMAN 42450 STATUS A	UNRESOLVED ITEM  SVI H21-T052 DEFICIENCIES.	PERRY 1			GRÖRE	
440/85059-06	HARTMAN 42450 STATUS A	OPEN ITEM  SVI (P-54) T121H DEFICIENCIES.	PERRY 1			GRÖRE	

ITEM						RESOLUTION	
ITEM NO./ RESPONSE DUE	INSPECTOR/ MODULE NO.	ITEM TYPE/ BRIEF DESCRIPTION	FACILITY NAME	LICENSEE DESIGNATED NO.	INTERIM INSPECTION	INSPECTOR ASSIGNED	CLOSEOUT REPORT NO.
440/85063-01	O'DWYER 703448 STATUS A	UNRESOLVED ITEM  INSPECTOR TO ENSURE ADEQUATE TESTING OF ISOLATION LOGIC IN TEST PROCEDURE TP 1E53-P-001.	PERRY 1			HILLS	
785063-02	HILLS 725008 STATUS A	OPEN ITEM  THE INSPECTOR WILL ENSURE THAT THE PROCEDURE IS REVISED TO INCLUDE ORIENTATION OBSERVATIONS, FUEL LOADING INTERRUPTION CRITERIA AND REACTOR MODE SWITCH TESTING.	PERRY 1			HILLS	
440/85073-01	SCHNEIDMUT 99019 STATUS A	OPEN ITEM  DIESEL GENERATOR CONTROL CIRCUIT WIRING CHANGES INCOMPLETE.	PERRY 1			SCHNEIDMUT	

PERRY - ATTACHMENT 2 TO ENCLOSURE 1 UPDATED - 12/11/85  
STILL OPEN SORT BY STATUS KEY: B

ITEM				RESOLUTION			
ITEM NO./ RESPONSE DUE	INSPECTOR/ MODULE NO.	ITEM TYPE/ BRIEF DESCRIPTION	FACILITY NAME	LICENSEE DESIGNATED NO.	INTERIM INSPECTION	INSPECTOR ASSIGNED	CLOSEOUT REPORT NO.
440/*****		OPEN ITEM STATUS * STATUS KEY - EFFECTIVE 03/01/85  A ITEM THAT MUST BE CLOSED PRIOR TO FUEL LOAD B ITEM THAT MUST BE CLOSED PRIOR TO INITIAL CRITICALITY C ITEM THAT MUST BE CLOSED PRIOR TO EXCEEDING 5% POWER D ITEM NOT REQUIRED TO BE CLOSED BY FUEL LOAD, INITIAL CRITICALITY, OR FULL POWER OPERATION	PERRY 1				
440/45016-02	KAUFMAN 37051 STATUS B	UNRESOLVED ITEM PIPE SUPPORT CALCULATIONS LACK UNIFORMITY WITH RESPECT TO ANALYZING JOINT CONFIGURATION.	PERRY 1			KAUFMAN	
440/45018-01	KEATING 51063H STATUS B	OPEN ITEM INSTALLATION OF BARRIERS FOR SEPARATION REQUIREMENTS, CONCERN RAISED BY NRC CAT IE REPORT R3031.	PERRY 1			SCHIEBELMUT FOLLOWUP DUE DATE: 06/07/85	
440/45059-05	HARTMAN 42450 STATUS B	OPEN ITEM SVI P57-T002 DEFICIENCIES.	PERRY 1			GROBE	
440/45060-01	SNELL 92701 STATUS B	OPEN ITEM COMPLETE THE TESTING AND ACCEPTANCE OF THE HVAC AND RADIATION MONITORING SYSTEM FOR THE TSC.	PERRY 1			EPS	
440/45060-02	SNELL 92701 STATUS B	OPEN ITEM COMPLETE THE TESTING AND ACCEPTANCE OF THE HVAC AND RADIATION MONITORING SYSTEM FOR THE EOF.	PERRY 1			EPS	

ITEM					RESOLUTION		
ITEM NO./ RESPONSE DUE	INSPECTOR/ MODULE NO.	ITEM TYPE/ BRIEF DESCRIPTION	FACILITY NAME	LICENSEE DESIGNATED NO.	INTERIM INSPECTION	INSPECTOR ASSIGNED	CLOSEOUT REPORT NO.
440/*****		OPEN ITEM STATUS *	PERRY 1				
		STATUS KEY - EFFECTIVE 03/01/85					
		A ITEM THAT MUST BE CLOSED PRIOR TO FUEL LOAD					
		B ITEM THAT MUST BE CLOSED PRIOR TO INITIAL CRITICALITY					
		C ITEM THAT MUST BE CLOSED PRIOR TO EXCEEDING 5% POWER					
		D ITEM NOT REQUIRED TO BE CLOSED BY FUEL LOAD, INITIAL CRITICALITY, OR FULL POWER OPERATION					
440/84013-01	MILLER	OPEN ITEM STATUS C	PERRY 1			FRPS	
		LICENSEE INVESTIGATION OF REPRESENTATIVE SAMPLING OF VENTS. NRR TO RESOLVE.			85068	MILLER	
440/85022-21	TMI ACT. PLAN	OPEN ITEM STATUS C	PERRY 1			FRPS	
		DETERMINE THAT NOBLE GAS MONITORS WITH EXTENDED RANGE AND IODINE PARTICULATE MONITORING HAVE BEEN INSTALLED IN ACCORDANCE WITH SER AND SSER3 11.5 (TMI #II.F.1.1 & II.F.1.2).			85068	MILLER	
440/85022-22	TMI ACT. PLAN	OPEN ITEM STATUS C	PERRY 1			FRPS	
		VERIFY THAT IN-CONTAINMENT RADIATION HIGH LEVEL MONITORS HAVE BEEN INSTALLED IN ACCORDANCE WITH SER 12.3.3 (TMI #II.F.1.3).					



STILL OPEN SORT BY STATUS KEY: C

ITEM				RESOLUTION			
ITEM NO./ RESPONSE DUE	INSPECTOR/ MODULE NO.	ITEM TYPE/ BRIEF DESCRIPTION	FACILITY NAME	LICENSEE DESIGNATED NO.	INTERIM INSPECTION	INSPECTOR ASSIGNED	CLOSEOUT REPORT NO.
440/*****-00		OPEN ITEM STATUS *	PERRY 1				
		STATUS KEY - EFFECTIVE 03/01/85					
		A ITEM THAT MUST BE CLOSED PRIOR TO FUEL LOAD					
		B ITEM THAT MUST BE CLOSED PRIOR TO INITIAL CRITICALITY					
		C ITEM THAT MUST BE CLOSED PRIOR TO EXCEEDING 5% POWER					
		D ITEM NOT REQUIRED TO BE CLOSED BY FUEL LOAD, INITIAL CRITICALITY, OR FULL POWER OPERATION					
440/85006-04		UNRESOLVED ITEM STATUS D	PERRY 1			FRPS	
		RESOLVE THE USE OF SILICONE SEALANT ON DUCTWORK WITH NRR BY 1ST REFUELING OUTAGE.			85027 85068	MILLER MILLER	
440/85009-07	SNELL 25555B	OPEN ITEM STATUS D	PERRY 1			EPS	
		COMPLETE PERMANENT MEDICAL FIRST AID FACILITY PRIOR TO ELIMINATION OF CONSTRUCTION CONTRACTORS FIRST AID FACILITY.					
440/85014-03	WESTBERG 35746B	VIOLATION SEVERITY LEVEL 5 STATUS D	PERRY 1			QAPS	
		A. FAILURE TO FOLLOW PROCUREMENT PROCEDURS.					
		B. PROCUREMENT PROCEDURES LACK ACCEPTANCE CRITERIA FOR SHELF LIFE.					
		THIS ITEM REMAINS OPEN PENDING REVIEW OF THE LICENSEES REVIEW OF PREVIOUS PROCUREMENT DOCUMENT ENGINEERING EVALUATION BASES AND SAMPLING OF THE SHELF LIFE CORRECTIVE ACTION, WITHIN 6 MONTHS AFTER FUEL LOAD.			85057	WESTBERG	
440/85022-05	TMI ACT. PLAN STATUS D	OPEN ITEM	PERRY 1			GROBE	
		REVIEW TRAINING PROGRAMS FOR ALL OPERATIONS PERSONNEL, INCLUDING MAINTENANCE AND TECHNICAL PERSONNEL TO VERIFY THAT IT IS IN ACCORDANCE WITH SER 13.5.1.5 (TMI 1.A.2.2). (BY FULL POWER)					

ITEM					RESOLUTION		
ITEM NO./ RESPONSE DUE	INSPECTOR/ MODULE NO.	ITEM TYPE/ BRIEF DESCRIPTION	FACILITY NAME	LICENSEE DESIGNATED NO.	INTERIM INSPECTION	INSPECTOR ASSIGNED	CLOSEOUT REPORT NO.
440/85022-35	TMI ACT. PLAN STATUS D	OPEN ITEM  DETERMINE THAT PROCEDURES ARE IN PLACE TO MONITOR PRIMARY COOLANT LEAKAGE OUTSIDE CONTAINMENT BEFORE FULL POWER OPERATIONS IN ACCORDANCE WITH SER 11.5 TMI #III.D.1.1).	PERRY 1			GROBE	
440/85037-01	WESTBERG 413018 STATUS D	OPEN ITEM  REVIEW OF IMPLEMENTATION OF STAFF TRAINING PROGRAM. WITHIN 6 MONTHS AFTER FUEL LOAD.	PERRY 1			QAPS	
440/85057-01	WESTBERG 357498 STATUS D	OPEN ITEM  PROCEDURE NO PAP-1107 DID NOT REFERENCE PROCEDURE NO PAP-0507 FOR PREPARATION OF TEST INSTRUCTIONS. (WITHIN 6 MO. AFTER FUEL LOAD)	PERRY 1			QAPS	
440/85059-01	WOHL0 92703 STATUS D	OPEN ITEM  ABNORMAL OPERATING PROCEDURE FOR LOSS OF UEL POOL LEVEL (IEB 84-03).	PERRY 1			WOHL0	

12/11/85

ITEM				RESOLUTION			
ITEM NO./ RESPONSE DUE	INSPECTOR/ MODULE NO.	ITEM TYPE/ BRIEF DESCRIPTION	FACILITY NAME	LICENSEE DESIGNATED NO.	INTERIM INSPECTION	INSPECTOR ASSIGNED	CLOSEOUT REPORT NO.
440/*****		10CFR50.55(E) REPORT STATUS * STATUS KEY - EFFECTIVE 03/01/85  A ITEM THAT MUST BE CLOSED PRIOR TO FUEL LOAD B ITEM THAT MUST BE CLOSED PRIOR TO INITIAL CRITICALITY C ITEM THAT MUST BE CLOSED PRIOR TO EXCEEDING 5% POWER D ITEM NOT REQUIRED TO BE CLOSED BY FUEL LOAD, INITIAL CRITICALITY, OR FULL POWER OPERATION	PERRY 1				
440/83001-PP 08/04/83	CEI NONE STATUS A	10CFR21 REPORT DURING THE QUALIFICATION TESTING OF AGED ELECTRICAL EQUIPMENT CERTAIN ANOMALIES OCCURRED. DATE REPORTED: 07/05/83 SEE EATON LTR DATED 07/08/83	PERRY 1	NONE		C WILLIAMS	
440/84047-EE	CEI DAR212 STATUS A	10CFR50.55(E) REPORT CONTAINMENT ISOLATION VALVES STICK CLOSED (MANUAL DIAPHRAGM TYPE) WHEN THEY SHOULD BE WIDE OPEN. DATE REPORTED: 10/29/84 INTERIM: 11/28/84, 1/18/85, 4/15/85, 05/31/85	PERRY 1	RDC119(84)		J MCCORMICK-BAR	
440/85007-EE	CEI DAR226 STATUS A	10CFR50.55(E) REPORT PERRY MAY NOT BE IN COMPLIANCE WITH APP. R DUE TO LACK OF ADEQUATE SEPARATION OF ASSOCIATED DIV. I & II CIRCUITRY. DATE REPORTED: 2/22/85 INTERIM: 3/22/85, 5/16/85 FINAL: 10/30/85	PERRY 1	RDC130(85)		RULDEMOND	
440/85009-EE	CEI DAR230 STATUS A	10CFR50.55(E) REPORT A REVIEW OF THE 4160 & 480 VOLT POWER SYSTEM INDICATED THAT A LOCA IN COMBINATION WITH A DEGRADED OFFSITE POWER SUPPLY CONDITION COULD RESULT IN A LOSS OF STARTING VOLTAGE TO MOTORS. DATE REPORTED: 4/1/85 INTERIM: 04/30/85	PERRY 1	RDC132(85)		C WILLIAMS	



ITEM						RESOLUTION	
ITEM NO./ RESPONSE DUE	INSPECTOR/ MODULE NO.	ITEM TYPE/ BRIEF DESCRIPTION	FACILITY NAME	LICENSEE DESIGNATED NO.	INTERIM INSPECTION	INSPECTOR ASSIGNED	CLOSEOUT REPORT NO.
440/85020-EE	CEI DAR246 STATUS A	10CFR50.55(E) REPORT  CONTINUATION OF VOLATGE DROP PROBLEMS WHICH WERE ID'ED 01/30/85 THE LICENSEE IDENTIFIED APPROXIMATELY 50 COMPONENTS AND 5 MOTOR OPERATED VALVES WHICH COULD HAVE INADEQUATE VOLTAGES UNDER CERTAIN CONDITIONS SUCH AS DEGRADED GRID VOLTAGE. DATE REPORTED: 06/25/85 FINAL: 7/25/85	PERRY 1	RDC142(85)		C WILLIAMS	
440/85021-EE	CEI DAR248 STATUS A	10CFR50.55(E) REPORT  INADEQUATE SEPARATION OF LEADS ON THE POWER SUPPLY TO THE NEUTRON MONITORING SYSTEM. DATE REPORTED: 07/10/85 INTERIM: 8/8/85 FINAL: 10/17/85	PERRY 1	RDC143(85)		C WILLIAMS	
440/85001-PP	STATUS A	10CFR21 REPORT  POTENTIAL FOR END CAPSON AIR SILENCER NOT BEING PROPERLY WELDED. DATE REPORTED: SEE AMERICAN AIR FILTER LTR DATED 9/3/85.	PERRY 1			GROBE	
440/85002-PP	STATUS A	10CFR21 REPORT  POTENTIAL PROBLEM WITH TD1 INTAKE AND EXHAUST BETTS SPRINGS DATE REPORTED: 11/27/85 SEE TD1 LTR DATED 11/6/85	PERRY 1			GROBE	
441/85001-PP	STATUS A	10CFR21 REPORT  POTENTIAL FOR END CAPSON AIR SILENCER NOT BEING PROPERLY WELDED. DATE REPORTED: SEE AMERICAN AIR FILTER LTR DATED 4/3/85.	PERRY 2			GROBE	



ITEM					RESOLUTION		
ITEM NO./ RESPONSE DUE	INSPECTOR/ MODULE NO.	ITEM TYPE/ BRIEF DESCRIPTION	FACILITY NAME	LICENSEE DESIGNATED NO.	INTERIM INSPECTION	INSPECTOR ASSIGNED	CLOSEOUT REPORT NO.
440/*****		BULLETIN STATUS * ISSUE DATE:    /    / STATUS KEY - EFFECTIVE 03/01/85	PERRY 1 CLOSEOUT:    /    /				
		A ITEM THAT MUST BE CLOSED PRIOR TO FUEL LOAD					
		B ITEM THAT MUST BE CLOSED PRIOR TO INITIAL CRITICALITY					
		C ITEM THAT MUST BE CLOSED PRIOR TO EXCEEDING 5% POWER					
		D ITEM NOT REQUIRED TO BE CLOSED BY FUEL LOAD, INITIAL CRITICALITY, OR FULL POWER OPERATION					
440/80014-HB		BULLETIN STATUS A ISSUE DATE: 06/12/80 DEGRADATION OF BWR SCRAM DISCHARGE VOLUME CAPABILITY SENT FOR INFO.	PERRY 1 CLOSEOUT:    /    /			GR08E	

ITEM				RESOLUTION			
ITEM NO./ RESPONSE DUE	INSPECTOR/ MODULE NO.	ITEM TYPE/ BRIEF DESCRIPTION	FACILITY NAME	LICENSEE DESIGNATED NO.	INTERIM INSPECTION	INSPECTOR ASSIGNED	CLOSEOUT REPORT NO.
440/*****		BULLETIN STATUS * ISSUE DATE: / / STATUS KEY - EFFECTIVE 03/01/85  A ITEM THAT MUST BE CLOSED PRIOR TO FUEL LOAD B ITEM THAT MUST BE CLOSED PRIOR TO INITIAL CRITICALITY C ITEM THAT MUST BE CLOSED PRIOR TO EXCEEDING 5% POWER D ITEM NOT REQUIRED TO BE CLOSED BY FUEL LOAD, INITIAL CRITICALITY, OR FULL POWER OPERATION	PERRY 1 CLOSEOUT: / /				
440/80010-HB		BULLETIN STATUS C ISSUE DATE: 05/06/80 CONTAMINATION OF NONRADIOACTIVE SYSTEM AND RESULTING POTENTIAL FOR UNMONITORED, UNCONTROLLED RELEASE OF RADIOACTIVITY TO ENVIRONMENT. SENT FOR INFO.	PERRY 1 CLOSEOUT: / /			FRPS	
440/80009-CC		CIRCULAR STATUS C ISSUE DATE: 04/28/80 PROBLEMS WITH PLANT INTERNAL COMMUNICATIONS SYSTEMS	PERRY 1 CLOSEOUT: / /			GROBE  82014 85080	PELKE SCHEIRELMUT