

# CATEGORY 2

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9810020454      DOC.DATE: 98/09/28      NOTARIZED: NO      DOCKET #  
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M      05000315  
 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana M      05000316

AUTH.NAME      AUTHOR AFFILIATION  
 GROBE, J.A.      Region 3 (Post 820201)  
 RECIP.NAME      RECIPIENT AFFILIATION  
 POWERS, R.P.      American Electric Power Co., Inc.

SUBJECT: Provides summary of meeting held on 980917 with D Cook NPP staff to discuss issues re plant restart strategy & performance indicators. List of meeting attendees & meeting handout encl.

DISTRIBUTION CODE: IE01D      COPIES RECEIVED: LTR 1 ENCL 1      SIZE: 12  
 TITLE: General (50 Dkt) - Insp Rept/Notice of Violation Response

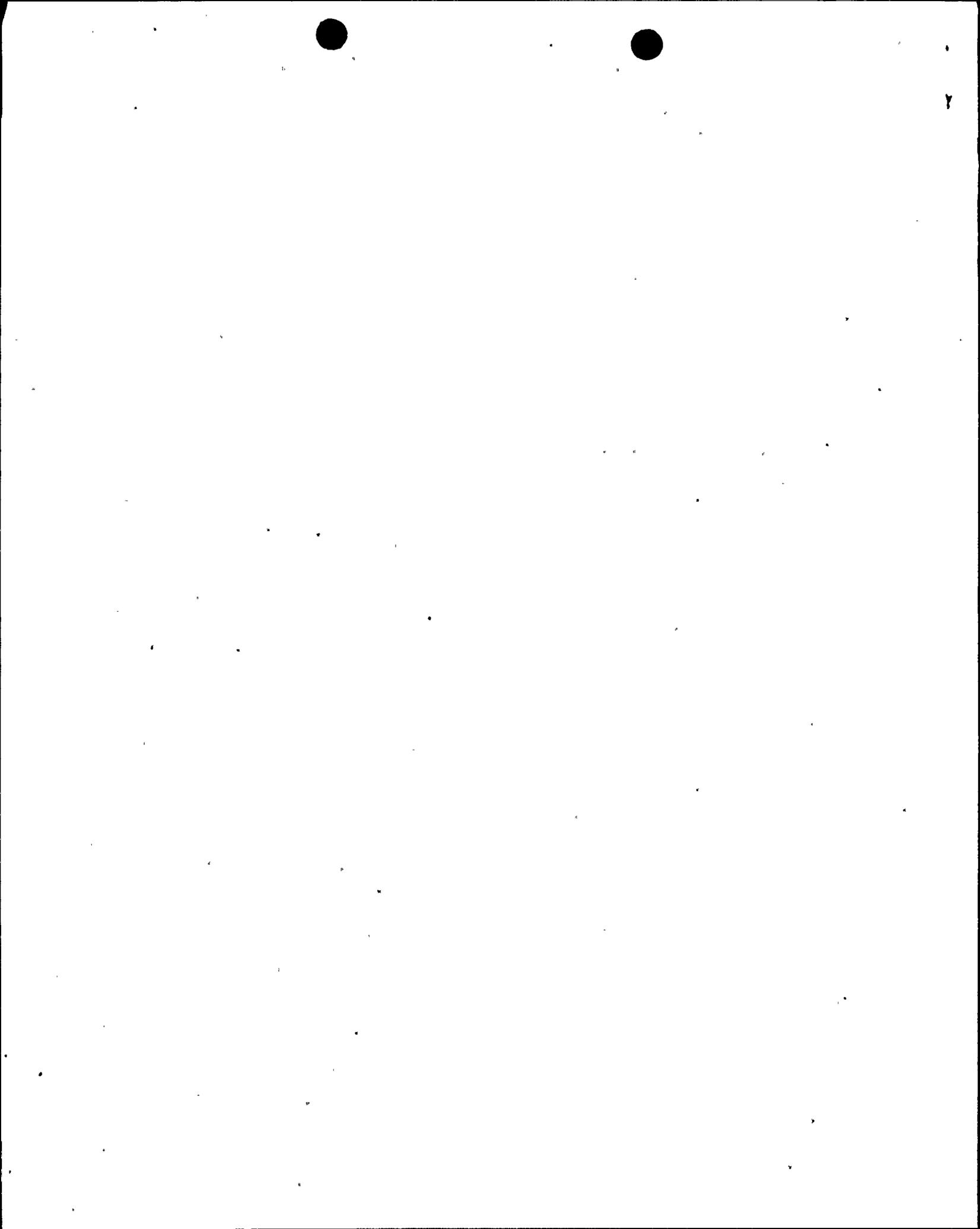
NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTR ENCL
	PD3-3 PD	1 1	STANG, J	1 1
INTERNAL:	AEOD/SPD/RAB	1 1	AEOD/TTC	1 1
	DEDRO	1 1	<del>FILE CENTER</del>	1 1
	NRR/DRCH/HOHB	1 1	NRR/DRPM/PECB	1 1
	NRR/DRPM/PERB	1 1	NUDOCS-ABSTRACT	1 1
	OE DIR	1 1	OGC/HDS3	1 1
	RGN3 FILE 01	1 1		
EXTERNAL:	LITCO BRYCE, J H	1 1	NOAC	1 1
	NRC PDR	1 1	NUDOCS FULLTEXT	1 1

NOTE TO ALL "RIDS" RECIPIENTS:  
 PLEASE HELP US TO REDUCE WASTE. TO HAVE YOUR NAME OR ORGANIZATION REMOVED FROM DISTRIBUTION LISTS OR REDUCE THE NUMBER OF COPIES RECEIVED BY YOU OR YOUR ORGANIZATION, CONTACT THE DOCUMENT CONTROL DESK (DCD) ON EXTENSION 415-2083

TOTAL NUMBER OF COPIES REQUIRED: LTR 17 ENCL 17

C  
A  
T  
E  
G  
O  
R  
Y  
  
2  
  
D  
O  
C  
U  
M  
E  
N  
T



Dco/DCB

September 28, 1998

Mr. R. P. Powers  
Senior Vice President  
Nuclear Generation Group  
American Electric Power Company  
500 Circle Drive  
Buchanan, MI 49107-1395

**SUBJECT: SUMMARY OF THE SEPTEMBER 17, 1998, PUBLIC MEETING TO DISCUSS  
D. C. COOK RESTART ACTIVITIES AND NRC INSPECTION PLAN**

Dear Mr. Powers,

This letter summarizes the meeting held on September 17, 1998, between staff members of the NRC and the Donald C. Cook plant to discuss issues related to plant restart strategy and performance indicators. This meeting was open to public observation. Enclosure 1 is a list of meeting attendees.

The NRC presented an initial Inspection/Activity Plan to address the Case-Specific Checklist items documented in the letter establishing the Manual Chapter 0350 restart panel, dated July 30, 1998. In addition, the Case-Specific Checklist items were re-presented, some with further subcategorization, providing the NRC's responsible organization/inspection plan for each item. The handout with this information, provided by the NRC during the meeting, is contained in Enclosure 2.

Members of the plant staff briefly discussed portions of your September 16, 1998 letter to the NRC, which revised the plant's restart schedule from late fourth quarter 1998 to late first quarter 1999. Based on this new restart date, the NRC staff stated that the schedules given in the initial Inspection/Activity Plan will need to be reviewed with the plant staff to establish new inspection dates. The NRC staff stressed that the schedule for our Inspection/Activity Plan continues to depend on when the specific restart items will be ready for closure, and that the NRC intends to publish the Inspection/Activity Plan with the best available information by the end of October.

The plant staff discussed their restart strategy documents from a broad perspective, and provided several examples of individual strategies that were still in the development stages. Since the plant staff had chosen to integrate the closure of the restart items with the development of these strategies, the NRC staff expressed their interest in the scheduled completion dates. During the discussions of the restart strategy for the Containment Liner Pitting, the NRC staff discussed weaknesses identified in the recently completed closure package. Specifically, the NRC staff noted that the effects from pitting had not been considered in the containment liner fatigue life and that the plant's proposed revision to the Final Safety Analysis Report had not identified that the containment liner design strain limit had been changed.

000054

9810020454 980928  
PDR ADOCK 05000315  
PDR

Handwritten signature and initials, including "EEO1".

R. Powers

-2-

The plant staff briefly discussed their current set of performance indicators for the various areas. After comments from the NRC, the plant staff acknowledged that some of the performance indicators, specifically for engineering, only monitored the backlog and would not indicate the quality of the work.

Sincerely,

Original /s/ J. A. Grobe

John A. Grobe, Director  
Division of Reactor Safety

Docket Nos.: 50-315; 50-316  
License Nos.: DPR-58; DPR-74

cc w/encl: J. Sampson, Site Vice President  
R. Eckstein, Chief Nuclear Engineer  
D. Cooper, Plant Manager  
R. Whale, Michigan Public Service Commission  
Michigan Department of Environmental Quality  
Emergency Management Division  
MI Department of State Police  
D. Lochbaum, Union of Concerned Scientists

Distribution:

RRB1 (E-Mail)  
Project Mgr., NRR w/encl  
J. Caldwell, RIII w/encl  
C. Pederson, RIII w/encl  
B. Clayton, RIII w/encl  
SRI DC Cook w/encl  
DRP w/encl  
TSS w/encl  
DRS (2) w/encl  
RIII PRR w/encl  
PUBLIC IE-01 w/encl  
Docket File w/encl  
GREENS  
IEO (E-Mail)  
DOCDESK (E-Mail)

DOCUMENT NAME: G:DRS\DCC09258.DRS

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	RIII	RIII	E RIII	E RIII	E RIII	E
NAME	Brown:sd <i>[Signature]</i>	Gavula <i>[Signature]</i>	Burgess <i>[Signature]</i>	Grobe <i>[Signature]</i>		
DATE	09/24/98	09/24/98	09/24/98	09/24/98		

OFFICIAL RECORD COPY

Attendees for Thursday, September 17, 1998, Meeting

AEP

John Sampson  
Jeb Kingseed  
Rick Eckstein  
Jeremy Euto  
Doug Cooper  
Mark Ackerman  
Mark Kelly  
Frank Pisarsky

Westinghouse

Mr. Rupricht

NRC

Bruce Burgess  
Melvin Holmberg  
James Gavula  
Bruce Bartlett  
Joseph Maynen  
Brian Fuller

**DONALD C. COOK**  
**INSPECTION/ACTIVITY PLAN**

INSPEC- TION/ ACTIVITY	TITLE/ PROGRAM AREA	NUMBER OF NRC INSPECTORS/ INDIVIDUALS	PLANNED DATES	TYPE OF INSPECTION/ ACTIVITY- COMMENTS
IP 86750	HP Inspection	1	December 7-11	Core
IP 82701	EP Inspection	1	October 1998 (TBD)	Core
IP 37550 & 40500 (ECATI) Engineering and Corrective Action Team Inspection	Effectiveness of Licensee Controls in Identifying, Resolving, and Preventing Problems/Onsite Engineering	8	November 1998 (3 weeks TBD)	Core inspections. MC 0350 letter enclosure (1) case specific checklist items 2,3,4,7,13, 14,15 and the Short Term Assessment Program will be reviewed.

INSPEC- TION/ ACTIVITY	TITLE/ PROGRAM AREA	NUMBER OF NRC INSPECTORS/ INDIVIDUALS	PLANNED DATES	TYPE OF INSPECTION/ ACTIVITY- COMMENTS
IP 71001, 37550 and 40500 (RRATI) Restart Readiness Assessment Team Inspection	Licensed Operator Requalification Program Evaluation. Effectiveness of Licensee Controls in Identifying, Resolving, and Preventing Problems/Onsite Engineering	Phase 1 ( 3)  Phase 2 (11)	<u>Phase 1</u> October (2 weeks -TBD) <u>Phase 2</u> December (2 weeks - TBD)	Core and Regional Initiative inspections. MC 0350 letter enclosure (1) case specific checklist items 5,6,13,14, 15 will be reviewed.
IP 40501, IP 93801	Licensee Self- Assessments Related to Team Inspections	6	September 21- December 4, 1998	Regional Initiative
TI 2515/107	MOV inspection	1	09/28-10/12/98	Regional Initiative

TBD - To be determined

Core Inspection - Minimum NRC Inspection Program (mandatory all plants)

IP - Inspection Procedure, TI - Temporary Instruction

HP- Health Physics Inspection, EP - Emergency Planning and Security

MC- NRC Inspection Manual chapter

### DC COOK RESTART PLAN: CASE-SPECIFIC CHECKLIST MATRIX

ITEM NUMBER	DESCRIPTION	REFERENCES	LICENSEE ACTION STATUS	RESPONSIBLE ORGANIZATION/ INSPECTION PLAN	DATE CLOSED/ MECHANISM
PROGRAMMATIC ISSUES					
1	Programmatic Breakdown in Surveillance Testing				
1A	Inadequate instructions in surveillance tests.	IR 98004,5,7,9 and 97017	OPEN	Resident Staff	
1B	Acceptance criterion lack sufficient margin to analysis limit.	IR 98005	OPEN	Resident Staff	
1C	Failure to meet technical specification requirements	IR 98005,7 and LER 98015-01	OPEN	Resident Staff	
1D	Preconditioning of equipment prior to surveillance testing.	IR 98007	OPEN	Resident Staff	
1E	Failure to assess and control the quality of contractors performing surveillance testing.	IR 98005	OPEN	Resident Staff	

ITEM NUMBER	DESCRIPTION	REFER-ENCES	LICEN-SEE ACTION STATUS	RESPONSIBLE ORGANIZATION/ INSPECTION PLAN	DATE CLOSED/ MECHAN-ISM
2	Corrective Action Program Breakdown				
2A	Failure to promptly identify and evaluate conditions adverse to quality.	IR 98005	OPEN	DRS - ECATI	
2B	Inadequate corrective actions for previously identified conditions adverse to quality.	IR 98004,5,9 and 97017 LERs 98010, 98017	OPEN	DRS - ECATI	

ITEM NUMBER	DESCRIPTION	REFERENCES	LICEN- SEE ACTION STATUS	RESPONSIBLE ORGANIZATION/ INSPECTION PLAN	DATE CLOSED/ MECHAN- ISM
3	Programmatic Breakdown in the Maintenance of the Design Basis				
3A	Inadequate design control pertaining to uncontrolled and/or unintended changes in the plant design.	IR 98004,5,7,9 and 97017	OPEN	DRS - ECATI	
3B	Failure to update the Final Safety Evaluation Report.	IR 98005	OPEN	DRS - ECATI	
3C	Failure to consider instrument uncertainties, setpoints and/or instrument bias.	IR 98009	OPEN	DRS - ECATI	
3D	Inadequate consideration for system/component failure modes.	IR 98009	OPEN	DRS - ECATI	

ITEM NUMBER	DESCRIPTION	REFER-ENCES	LICEN-SEE ACTION STATUS	RESPONSIBLE ORGANIZATION/ INSPECTION PLAN	DATE CLOSED/ MECHAN-ISM
4	Safety Evaluations				
4A	Failure to perform safety evaluations or safety evaluation screenings.	IR 98004,7	OPEN	DRS - ECATI	
4B	Inadequate safety evaluations	IR 98004,9	OPEN	DRS - ECATI	



ITEM NUMBER	DESCRIPTION	REFERENCES	LICEN-SEE ACTION STATUS	RESPONSIBLE ORGANIZATION/ INSPECTION PLAN	DATE CLOSED/ MECHAN-ISM
5	Operator Training Issues				
5A	Training staff ability to develop technically accurate examination material in accordance with examination guidelines was considered poor.	IR 97305	OPEN	DRP - RRATI	
5B	Operator ability to determine the correct Protective Action Recommendations for the emergency event was in question.	IR 97305	OPEN	DRP - RRATI	
5C	High failure rate for the operator examinations indicated that the applicants were not well prepared.	IR 97305	OPEN	DRP - RRATI	
5D	Applicant abilities to communicate and diagnose events, during the dynamic simulator scenarios was considered weak.	IR 97305	OPEN	DRP - RRATI	

ITEM NUMBER	DESCRIPTION	REFERENCES	LICEN-SEE ACTION STATUS	RESPONSIBLE ORGANIZATION/ INSPECTION PLAN	DATE CLOSED/ MECHAN-ISM
<u>SYSTEM SPECIFIC ISSUES</u>					
6	Resolution of Ice Condenser Issues	IR 98005 LERs 98004, 5,6,7,8,10,15 ,17,24,25,26, 32,35	OPEN	DRP - RRATI	
7	Resolution of Non-Safety Related Cables Going to Shunt Trip Coils	LER 98016	OPEN	DRS - ECATI	
8	Resolution of Hydrogen Recombiner Operability Issues	IR 98007 LER 98019	OPEN	Resident Staff	
9	Resolution of Distributed Ignition Technical Specification Issue	IR 98007	OPEN	Resident Staff	
10	Resolution of Containment Spray System Operability Issues	LER 98022	OPEN	Resident Staff	
11	Resolution of Hydrogen Mitigation System Operability and Materiel Condition Issues	IR 98007 LER 98001	OPEN	Resident Staff	
12	Resolution of Containment Liner Pitting	LER 98011	OPEN	Resident Staff	

ITEM NUMBER	DESCRIPTION	REFERENCES	LICENSEE ACTION STATUS	RESPONSIBLE ORGANIZATION/ INSPECTION PLAN	DATE CLOSED/ MECHANISM
	<u>Restart Plan</u>				
13	Systems and Containment Readiness Assessments	Licensee Restart Plan	OPEN	DRS - ECATI DRP - RRATI	
14	Programmatic Readiness Assessment	Licensee Restart Plan	OPEN	DRS - ECATI DRP - RRATI	
15	Functional Area Readiness Assessment	Licensee Restart Plan	OPEN	DRS - ECATI DRP - RRATI	

DRP - Division of Reactor Projects, Region III NRC

DRS - Division of Reactor Safety, Region III NRC

RRATI - Restart Readiness Assessment Team Inspection

ECATI - Engineering and Corrective Actions Team Inspection