



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064

December 6, 1993

MEMORANDUM FOR: Distribution

FROM: Samuel J. Collins, South Texas Project (STP)
Restart Panel Chairman

SUBJECT: STP RESTART PANEL MEETING NOTES

Attached are the Meeting Notes for the STP Restart Panel Meeting conducted on December 2, 1993, in the STP resident inspectors' conference room.

Original Signed By:

/s/

Samuel J. Collins, Director
Division of Reactor Safety

cc (E-Mail):

J. Milhoan	J. Montgomery
P. Gwynn	A. Howell
D. Chamberlain	W. Johnson
D. Loveless	S. Black
L. Kokajko	B. Beach
C. Hackney	J. Gilliland
G. Sanborn	R. Wise
E. Imbro	P. Koltay
J. Jacobson	T. McKernon
M. Satorius	C. Sudman

RIV:C:DRP/A
WDJohnson
12/ /93

DD:DRP
TPGwynn
12/ /93

D:DRS
SCCollins
12/ /93

STP REVIEW PANEL

MEETING NOTES - DECEMBER 2, 1993

ATTENDEES

- # S. Collins, Director, DRS
- # A. Howell, Deputy Director, DRS
- # S. Black, Director, Project Directorate IV-2, NRR
- # L. Kokajko, Senior Project Manager, NRR
- S. Wittenberg, Intern, NRR
- #* W. Johnson, Chief, Project Section A
- T. McKernon, Reactor Inspector
- M. Satorius, Project Engineer
- * J. Jacobson, Senior Operations Engineer, Special Inspection Branch, NRR
- * E. Imbro, Chief, Special Inspection Branch, NRR
- #* P. Gwynn, Deputy Director, DRS
- #* D. Chamberlain, Deputy Director, DRSS
- # D. Loveless, Senior Resident Inspector
- D. Garcia, Resident Inspector

Panel Members

* Participated by telecon

PANEL SUBJECTS

- Plant Status

David Loveless gave plant status. Highlights included Unit 1 being in Mode 5 with a mini-outage on the A train. When this is complete, a similar B train outage is planned. Then surveillance testing will be performed in preparation for Mode 4.

Plant general appearance has improved. Plant material condition has improved as the system certification walkdowns have identified discrepancies for correction. Unit 1 has established a sixth shift of operators in Unit 1. Control room operations have improved.

Contractor control problems continue. Wrong component incidents have occurred, notably the event involving MOVATS work on an energized valve operator. The MOVATS stop work order is being lifted today. DRP will invite the NRR Human Factors Branch to assist in NRC followup of the MOVATS event.

Indications of circumferential cracks in pulled steam generator tubes are yet to be fully characterized. L. Kokajko will set up a conference call with the licensee to get details when available.

The licensee is still inspecting fuses to scope the fuse configuration control issue.

The licensee has found that certain ASTM fuel oil testing requirements have not been met in the past and cannot be met with available testing equipment. They plan to submit a Technical Specification change in mid-1994. No operability issues are known to exist. L. Kokajko will discuss the issuance of a Licensee Event Report with the licensee.

The system certification process is resulting in creation of punchlists of corrective actions. D. Loveless will determine whether any of these items should be documented in service requests.

- Allegation Status

The Panel reviewed the status of open allegations. The Panel Chairman, with selected Panel members, still plans to brief the Regional Administrator on the status of allegations at STP, and any potential restart issues stemming from those allegations.

- Review Restart Action Plan

A draft revision was distributed to Panel members on November 30, 1993. Panel members are requested to provide comments and additional proposed changes to B. Johnson by December 6, 1993. Concurrence review will begin on December 7.

- Regional Inspection Planning

Bill Johnson discussed the status of the necessary regional inspections to address restart issues. A copy of the updated inspection schedule is attached to these meeting notes. The essential chiller issue inspection has been scheduled for January 3, 1994. Steve Jones of NRR will participate. The lubrication program will be inspected by B. Vickrey December 20-30, 1993. DRSS is attempting to obtain assistance from another region to perform a security inspection in January. There are no restart issues in this area.

Two DRSS allegations that were originally intended to be addressed during an inspection scheduled for the week of November 15, 1993, will be addressed by DRP during the week of December 13, 1993.

- ORAT Inspection Planning

Jeff Jacobson discussed the necessary coordination of the Region IV and ORAT inspections in the area of corrective actions. It was agreed that the ORAT will emphasize this area in the second segment of their inspection and that Tom McKernon will brief DRIL on the results of his December 13 inspection prior to the second segment of the ORAT inspection.

- Review of Inspection Findings

T. McKernon noted that the postmaintenance testing inspection is going well. While there are some remaining implementation problems, he may recommend closure of the issue.

- Submittal of Panel Meeting Notes to the Docket File and PDR

This has been done for the meetings up to October 14, 1993. DRP will docket later meeting notes when the information therein is no longer predecisional.

- MC 0350 Checklist Items Not Covered in Restart Issue Inspections but Requiring Inspection Followup

Items C.2.2.1 and C.3.1.7, "Structure of the organization," will be addressed through Panel discussion based on input from various inspections. Item C.2.2.8, "Adequacy of plant admin procedures," will be addressed through review of SPR, work process control, PMT, and ECO procedures during scheduled inspections.

- Review Status of Panel Action Items

Items from past meetings:

- (Closed) The Panel will determine which documents should be docketed. NRR will forward the Restart Panel Meeting Notes to the Public Document Room.
- (Closed) Region IV will docket the Restart Action Plan. In addition the meeting agendas were determined not to be required to go the Public Document Room, only the Meeting Notes, following a review for predecisional information. The Notes through the October 14, 1993, meeting have been forwarded to the Project Manager for docketing.
- (Closed) DRP will assist in compiling the documents to be docketed.
- DRP will prepare four inspection reports to assign tracking numbers to DET items which are not considered to be restart issues. Reports 9348 through 9351, one for each DET functional inspection area, will list DET findings which are not restart issues. They are under preparation.
- (Closed) Dale Powers is preparing an inspection plan for the SPEAKOUT review. This inspection is scheduled for 11/29/93.
- Sam Collins will contact Region II to set up a conference call to discuss the restart process used for Region II plants.
- The Panel Chairman will continue to provide input to the NRC restart review schedule, re: internal and external briefings.
- Issue Rev. 1 of the Restart Action Plan - DRP
- (Closed) Determine when DRSS will followup on RIV-93-A-0108. DRP will review this item the week of December 13.

- Brief the Regional Administrator on current status of allegations. - Panel
- (Closed) Determine the review status of the essential chiller calculations. Review will support scheduled inspection January 3, 1994.
- Determine whether restart public meeting should be transcribed - Panel.
- Determine the method of assessing licensee's assessment initiatives. - Panel
- (Closed) Review Mode 6 assessment results. DRP and DRS reviewed.
- (Closed) Obtain a copy of the ORAT inspection plan. - DRP
- (Closed) Obtain a list of STP hardware items which will not be worked prior to unit startup.
- (Closed) Provide copies of Restart Issue Inspection reports, including drafts to the ORAT team leader prior to the ORAT being onsite for the first week. - DRP
- (Closed) Review the outstanding hardware items which will not be worked prior to restart. This is being performed in inspections this week.
- Perform an internal audit of the RIV Restart File following file completion, probably in December 1993 - Panel
- (Closed) Ensure that Allegation RIV-93-A-0054 is in the inspection plan for the security inspection originally scheduled for November 15, 1993 and postponed due to inspector illness. DRP will review this item the week of December 13.
- (Closed) Determine postponed schedule of NRR review relative to Allegation RIV-93-A-0041. - NRR - The related TIA is scheduled to be issued on 12/05/93.
- (Closed) Ensure that Allegation RIV-93-A-0116 is in the inspection plan for the SPEAKOUT inspection - DRS

New Items:

- Panel members review Restart Action Plan checklist item status prior to the next Panel meeting.
- Panel Chairman discuss restart issue closure policy with Joe Sheppard.
- DRP will invite the NRR Human Factors Branch to assist in NRC followup of the MOVATS event.

- L. Kokajko will set up a conference call with the licensee to get details on steam generator tube defects when available.
- L. Kokajko will discuss the issuance of a Licensee Event Report on fuel oil testing with the licensee.
- D. Loveless will determine whether any of the system certification walkdown punchlist items should be documented in service requests.
- Panel members are requested to provide comments and additional proposed changes to the Restart Action Plan to B. Johnson by December 6, 1993.
- Tom McKernon will brief DRIL on the results of his December 13 inspection prior to the second segment of the ORAT inspection.
- DRP will docket Panel meeting notes when the information therein is no longer predecisional.

- Next Panel Meeting

The next Panel meeting will be scheduled for January 5, 1994, in Region IV. The agenda will include allegation status, restart action plan review, restart issue closure status, regional inspection status, ORAT inspection status, review of inspection findings, review of the licensee's schedule, and review of panel action items.

- Next Public Meeting

The next public meeting is being scheduled for 10:30 a.m. on January 7, 1994. The Panel will tour the plant before the meeting. A Panel meeting will be held at the site after the public meeting.

DATE	ISSUE	SUBJECT	INSPECTORS	REPORT	COMMENTS
ONGOING	13, 9	SYSTEM CERT	DPL	9336	REPORT ISSUED 12/02/93, CONTINUED 11/29/93
10/12/93	2, 9	SPRs	TOM	9333	REPORT ISSUED 11/26/93
10/18/93	1, 9	TDAFW	MAS	9338	REPORT ISSUED 11/22/93, OK PENDING MODE 3 TESTING
10/18/93	7, 9	F.B. LEADER	JEW, MEM	9337	REPORT ISSUED 11/23/93, ISSUE 7 RESOLVED
10/18/93	8, 9	F.P. HARDWARE	JEW, MEM	9337	REPORT ISSUED 11/23/93, NEED FOLLOWUP ON SR BACKLOG
10/25/93	4, 9	POSTMAINT TEST	TOM, LEE	9339	REPORT ISSUED, 12/01/93, CONTINUED 11/29/93
11/02/93		SELF ASSESSMENT	HKB	9343	CONTINUED 11/15/93
11/01/93	15, 9	TORNADO DAMPERS	MAS, DMG	9342	REPORT ISSUED 11/19/93 ISSUE 15 RESOLVED
11/01/93	6, 9	OPS STAFFING	JLP, JMK	9340	REPORT ISSUED 12/01/93, CONTINUED 11/29/93
11/08/93	11, 9	EDG ISSUES	PAG, VGG	9344	CONTINUED 12/13/93
11/15/93		SELF ASSESSMENT	HKB	9343	
11/15/93		FH MACHINE	VGG	9335	
11/15/93	5, 9	ENG BACKLOGS	PAG, DMG	9345	
11/15/93	16, 9	EP ACCOUNTABILITY	DBS	9347	
11/15/93	14, 9	MFIV BYPASS VLV	LEE, LDG	9335	
11/29/93	3, 9	SR BACKLOGS	MAS, LDG	9353	
11/29/93	4, 9	POST MAINT TEST	TOM, RBV	9346	
11/29/93	6, 9	OPS STAFFING	JLP, JMK	9341	ALLEGATION 93-A-111
11/29/93	10, 9	SPEAKOUT	DAP		ALLEGATION 93-A-116
11/29/93	13, 9	SYSTEM CERT	DPL, GW	9345	
12/06/93		ORAT	JBK		
12/13/93	8, 9	F. P. HARDWARE	JEW		
12/13/93	2, 9	SPRs	TOM, DPL	9354	
12/13/93	11, 9	EDG ISSUES	PAG	9344	

12/13/93		ALLEGATIONS	WDJ	NONE	ALLEGATIONS 93-A-54, 93-A-108, HVAC
12/20/93		LUBRICATION PROGRAM	RBV	SRI	ALLEGATION 93-A-82
01/03/93	12, 9	ESSENTIAL CHLR	MAS		
01/05/93		ORAT	JBJ		

STP REVIEW PANEL

MEETING NOTES - FEBRUARY 25, 1993

ADMINISTRATIVE ISSUES

The Review Panel determined that it would be primarily a coordinating body to focus Region IV inspection resources over the next several months.

Administrative issues were resolved toward the end of the meeting. The Review Panel would meet approximately once each week until the Diagnostic was completed, with the members from NRR attending via telephone. The next meeting was decided to be March 9, 1993, sometime in the morning; this would correspond with another meeting in the Region and permit NRR to attend.

The Diagnostic point-of-contact will be Bill Beach. He should establish contact with the DET leader daily during the actual inspection, in order to track issues and team progress.

The Resident Inspectors should plan to be passive members of the DET's daily meetings in order to remain cognizant of DET and plant issues.

REGULATORY ISSUES

After considerable discussion on the manner that current issues, special inspections, and scheduled and unscheduled enforcement conferences should be dispositioned; the following represents the plan for dispositioning current issues:

<u>IR No</u>	<u>Issues</u>	<u>Planned Disposition</u>
92-17	TS 3.0.3 Event-Failure to Initiate an SPR	Enf Conf; Mar 8
93-03, 92-29, 92-32	8 Examples of Inadequate Self-verification 2 URIs on EDG Inoperability	Enf Conf; Mar 8 Link w/TDAFW issue
92-35	1 URI on Several Examples of Inadequate C/A	Rewrite; 2 Level IV's
OSTI	1 URI on Inappropriate Closure of SPR (Alleg) 1 Vio on Fail to Follow Procedures (RRA) 1 Vio on Fail to Follow Procedures (Fire)	Resolve in Future Level IV Level IV
93-??	Special Inspection on AIT F/U (Inoperable TDAFW) Coupled w/EDG Inoperability Identified as URIs in 93-03	Future Enf Conf
93-06	Special Inspection on: • MOV Issues (RHR, LHSI) • Corrective Action	Future Enf Conf Future Enf Conf

93-07 AIT-No Regulatory Issues Addressed

OTHER ISSUES

- Solid State Protection System Fuse Problems DRP Action
- Security Concerns Nothing Specific
for DRSS at
Present
- Toxic Gas Monitors DRS Action in a
Scheduled Core Mod
- Station Lubrication DRS/DRP Issue
After Comp of DET

STP REVIEW PANEL

MEETING NOTES - MARCH 29, 1993

ATTENDEES

- B. Beach, Director, DRP
- A. Howell, Deputy Director, DRS
- D. Chamberlain, Deputy Director, DRSS
- G. Sanborn, Enforcement Officer
- M. Satorius, Project Engineer, Project Section D
- C. Hackney, State Liaison Officer
- *M. Virgilio, Assistant Director, Region IV & V Reactors, NRR
- *S. Black, Director, Project Directorate IV-2, NRR
- *B. Reckley, Project Manager, NRR

PANEL SUBJECTS

- Current Plant Status was discussed, including recent issues concerning EDG 22 problems with trips on the cooldown cycle, adequacy of outage maintenance, and an apparent valid failure concerning a problem with the attachment studs for the fuel injector pump for the 5L cylinder shearing and rendering the EDG out-of-service.
- The enforcement conference for the MOV issues was discussed. The message that will result from this action may not be of sufficient strength to accomplish the goal of conveying to the licensee that their corrective action program needs significant improvement. Future identified Criterion XVI issues with the licensee will need to be umbrella'ed with this enforcement action.
- The AIT followup inspection was discussed. This inspection had identified ten apparent violations, with three having the potential for escalated enforcement. The Panel decided that the appropriate manner to disposition the large number would be to direct the licensee in the cover letter which violations would be considered the primary focus point of the enforcement conference. In addition, a number of Criterion V issues could probably be grouped into one violation. The enforcement conference is being scheduled for April 16, 1993, with the report to be issued by April 6 or 7.
- The special inspection regarding the fuse sizing issues was discussed. There appeared to be some confusion within the Panel concerning the status of the report. The last Panel meeting had indicated that further review of generic communications was needed in order to complete the inspection. This review was completed, the exit conducted, and the inspection completed on March 17, 1993. The report needs to be issued ASAP, and an enforcement action number assigned. DRP projects that the report will be issued during the week of March 29.
- Art Howell briefed the Panel on the status of the steam generator manway stud elongation issue. Although a number of issues were identified, it appears that one non-escalated boric acid program implementation

violation will be cited. Concerning this issue, there were seven examples of failures to follow procedures,; however, DRS has no lingering safety questions or concerns. A concern for future consideration was linked to the fuse issue, in that the licensee's response to generic communications appears to be weak.

- Art Howell also briefed the Panel on the status of the MOV followup inspection that was conducted last week to investigate two allegations. The first concerned an issue identified during the OSTI regarding the voidance of an SPR that addressed inadequate MOV corrective maintenance procedures. The inspectors determined that specific work instructions were used in lieu of maintenance procedures and that these instructions were adequate; however, little corrective actions were initiated to determine root causes of failures and the licensee is generally conducting only symptomatic repairs. The second allegation consisted of a MOVATS contractor identifying MOV test anomalies and reporting these to the licensee. The inspectors determined that the licensee's corrective action process appeared to successfully address the concerns of the allegor and resolve the issue.
- A short discussion was held on the upcoming enforcement discretion conference call concerning the licensee's digital rod position indication system and rod control system problems.
- A discussion was conducted on the adequacy of the Panel addressing all the bases within MC 0350. Based on a discussion between Jack Roe of NRR and the Regional Administrator, Region IV's position that the MC 0350 procedure would not be formally entered was sustained. The Panel reviewed the requirements of the MC and determined that the actions of the Oversight Panel were accomplishing the intent of the MC. An attachment that addresses this review are attached to these minutes.
- The topics to be addressed at the STP CAL public meeting was discussed. The Panel's consensus was that the complete agenda of topics would not be established until the actual meeting date was determined. This decision was based upon the fact that the number of issues continues to be dynamic, and as the date of the meeting continues to be extended, due to licensee's problems with issue resolution and new issue identification, new concerns are presented that should be addressed at the public meeting. The earliest projected date for the public meeting is April 9, 1993.
- The next meeting will be held on Tuesday, April 6, 1993, while Bill Beach is at Headquarters, with Region IV participating via Telecon.

STP REVIEW PANEL

MEETING NOTES - APRIL 6, 1993

ATTENDEES

*J. Milhaon
*B. Beach, Director, DRP
A. Howell, Deputy Director, DRS
T. Stetka, Chief, Project Section D
W. Johnson, Chief, Project Section A
M. Satorius, Project Engineer, Project Section D
C. Hackney, State Liaison Officer
J. Gilliland, Public Affairs Officer
*M. Virgilio, Assistant Director, Region IV & V Reactors, NRR
*S. Black, Director, Project Directorate IV-2, NRR
*B. Reckley, Project Manager, NRR

* Participated via Telecon

PANEL SUBJECTS

- Current Plant Status was discussed by Tom Stetka, including recent issues concerning EDG 22 problems with the attachment studs for the fuel injector pump for the 5L cylinder (item being followed by the DET) and the DRPI/Rod Control problems that the licensee has addressed over the past week. This issue of the Rod Control system will probably be an additional topic for the discussions at the CAL Public Meeting.
- The enforcement conference for the AIT followup inspection (EDG/AFW) issues was discussed. Eight apparent violations were identified. Two corrective action weaknesses were identified and these were characterized in the cover letter as a continuation of problems previously discussed in management meetings and enforcement conferences. This approach was taken to umbrella these Criterion XVI problems with past problems. An enforcement pre-panel will be conducted following the Oversight Panel Meeting today. The conference is scheduled for April 16, 1993.
- The special inspection regarding the fuse sizing issues was discussed. This report is ready to be issued and the enforcement conference is scheduled for April 22, 1993. The report has two apparent violations and involves an undersized fuse feeding the solid state protection system (SSPS) that during a steam break accident would not be sufficiently sized to carry all the SSPS loads required to mitigate the accident. An enforcement pre-panel will also be conducted following the Oversight Panel Meeting today.
- The Panel discussed the DET and any findings that had developed. The findings are generally in line with observations that the Region has had concerning the licensee. One issue concerning the EDG trips that occur during the cooldown cycle was discussed and it was decided that the resident inspectors would follow that issue. In addition, if the licensee decides to delete the requirement for the cooldown cycle (one

possibility that has surfaced from the residents following the event) the Panel would pursue further clarification and would request technical assistance from the branches at NRR and the results of any interaction that the licensee has with the EDG vendor.

- The Panel discussed the fact that Bill Hehl was meeting with representatives of the City of Austin (one of STP's owners) and a group of interveners that had a number of environmental concerns.
- There was a discussion on whether there were sufficient concerns to invite the licensee in for a management meeting to discuss the boric acid corrosion program implementation, overall corrective action program implementation, and other comprehensive issues. In addition, the appropriate method to invite the licensee in for discussion was discussed. This topic will be discussed further at the next Panel Meeting.
- The need for an order to the licensee requiring a third party review of the corrective action program was discussed. A Confirmatory Order following the management meeting that would be conducted in early May would also be an option if the corrective action program were specifically discussed at the meeting. This issue will also be discussed at the next Panel Meeting.
- Joe Gilliland discussed the recent articles that were run by the Houston Chronicle on STP. In addition, he mentioned that the reporter most responsible for the articles was collecting information for further followup articles on STP's security program.
- The Panel discussed a recent DRS inspection to close an unresolved item concerning the voidance of an SPR that was also identified in the OSTI. This unresolved item was directly linked to an allegation concerning MOVs that is also presently open. The issue involves MOV degradation that was occurring because of inadequate repair procedures. In the review of issue, inspectors did find that MOV problems were being addressed with symptomatic repairs and that no rigorous root cause analysis was being performed. In addition, the inspectors noted that there were repeat cases of high operating current, local leak rate test deficiencies, and other problems that were due to poor procedures; however, it appeared that the licensee did follow their process for voidance of an SPR. The Panel decided that the issue was resolved and the cover letter will discuss this and additional examples of related poor practice issues.
- The Panel decided that it would be appropriate to revisit Manual Chapter 0350 in the next meeting, to ensure that the Panel's actions were accomplishing the intent of the MC.

- The topics to be addressed at the STP CAL public meeting was discussed. The Panel's consensus was that the complete agenda of topics would not be established until the actual meeting date was determined. Topics presently included:

- Toxic Gas Monitors
 - Corrective Action Efforts (in general)
 - Service Request Backlog

An additional topic that may be included is EDG problems. In addition, it was decided that the topics would be documented in a letter to the licensee, prior to the meeting. The best date for the CAL Public Meeting has been tentatively set for April 19, 1993.

- The next meeting will be held on Thursday, April 16, 1993, in Region IV at 8:30 am with NRR participating via Telecon.

STP REVIEW PANEL

MEETING NOTES - APRIL 12, 1993

ATTENDEES

B. Beach, Director, DRP
A. Howell, Deputy Director, DRS
D. Chamberlain, Deputy Director, DRSS
T. Stetka, Chief, Project Section D
W. Johnson, Chief, Project Section A
M. Satorius, Project Engineer, Project Section A
G. Sanborn, Enforcement Officer
R. Wise, Allegation Coordinator
L. Williamson, Director Office of Investigation, RIV Field Office
*M. Virgilio, Assistant Director, Region IV & V Reactors, NRR
*S. Black, Director, Project Directorate IV-2, NRR
*B. Reckley, Project Manager, NRR

* Participated via Telecon

PANEL SUBJECTS

- The Allegation Coordinator discussed all the current open allegations at STP. A number have been referred to OI for further investigation and several aged allegations are being considered by DOL. DRS was able to close the technical issues regarding two allegations involving MOVs; the report will be signed out this week.

Four relatively new allegations that were received by the DET. Two of these allegations were referred to OI and an investigator is on site this week conducting interviews with the concerned party. The third new allegation is being resolved internally by the Region coordinating with Headquarters. The last new allegation involving accidental discharge of firearms inside the protected area has been assigned to DRSS for action.

- The enforcement conference for the AIT followup inspection (EDG/AFW) issues was discussed, with an enforcement pre-panel being conducted by the Panel members. The rating factors for mitigation and escalation were considered, with a discussion on the manner that the eight apparent violations would be grouped and characterized. Presently, it appeared to the Panel that two severity level III violations had been identified; however, depending on the manner that the licensee approached the issues at the enforcement conference, the final disposition of the violations would remain pending. The conference has been rescheduled for April 22, 1993.
- The special inspection regarding the fuse sizing issues was not discussed because the enforcement conference was rescheduled for May 6, 1993. The Panel will discuss this issue at the next meeting.
- The Panel decided that the proposed management meeting to be requested in conjunction with the steam generator stud elongation inspection report would not be conducted. The issues that the Panel felt were

necessary for discussion would be addressed in either the restart meeting (which satisfies the CAL requirements), or a separate meeting to be held at an unspecified date concerning the licensee's continued corrective action program implementation problems.

- The Panel discussed the DET and any findings that had developed. Bill Johnson presented an encapsulation of the DET's findings over the first two weeks of the inspection. This encapsulation is attached to these meeting notes. In addition, Bill Hehl, the DET Leader will brief the Panel via telecon on his observations on April 22, 1993.
- There has been no better date proposed for the CAL public meeting. Presently, the official date that the licensee is willing to commit to is April 19, 1993; however, the Panel's consensus is that that date will slip by at least one week and more probably two weeks.
- The topics to be addressed at the STP CAL public meeting was discussed. As at previous Panel meetings, the consensus was that the complete agenda of topics would not be established until the actual meeting date was determined. Topics presently included:
 - Toxic Gas Monitors
 - Corrective Action Efforts (in general)
 - Service Request Backlog
 - Rod Control Problems and vendor information program problems
 - Continuing EDG problems
- A briefing will be conducted on Thursday April 15, 1993, to discuss the IG/OI investigations that were conducted at STP. NRR members of the Panel will participate in that briefing and inform the remainder of the Panel of the results.
- The Panel discussed the recent routine resident inspector's inspection report. That report identified six severity level IV violations. The Panel decided that one violation, with four examples of a failure to properly conduct self-verification, will not be cited, but rather incorporated into an enforcement package on self-verification problems presently at OE in Headquarters.
- The Panel decided that it would be appropriate to enter Manual Chapter 0350. Bill Johnson was tasked to review the Manual Chapter, and determine the action that would be needed to ensure that the requirements of Manual Chapter 0350 were being addressed.
- The next meeting will be held on Thursday, April 22, 1993, in Region IV at 8:30 am with NRR participating via Telecon.

ATTACHMENT TO THE STP REVIEW PANEL

MEETING NOTES - APRIL 12, 1993

INTERIM DET FINDINGS AND CONCERNS AT STP - SUMMARY - 4/12/93

- 1001 TECHNICAL SPEC INTERPRETATIONS
- CONCERN ABOUT INTERFACE BETWEEN TS INTERPRETATIONS AND OPS POLICIES AND PRACTICES MANUAL
 - CONCERN ABOUT SCOPE OF REVIEW AND MGMT CONTROLS APPLIED TO P&P MANUAL
 - WHY SO MANY TSIs, WHY NOT REVISE TS. TSIs MAY BE A WAY TO REVISE TS WITHOUT NRC APPROVAL
 - PEN AND INK CHANGES TO CR TS
- 1002 OPERATOR STAFFING LEVELS
- MAY NOT BE ADEQUATE FOR EXISTING WORK LOAD
 - PIPELINE MAY NOT BE EFFECTIVE
 - INSUFFICIENT TIME FOR MEANINGFUL OJT
 - MANY OPERATOR WORK-AROUNDS
 - STAFFING LEAN FOR SURVEILLANCES
 - ADMIN BURDENS
- 1003 OPERATOR WORK-AROUNDS
- INCREASE NORMAL OPERATOR WORK LOAD
- 1004 LCO ENTRIES - MANY DUE TO 3-TRAIN SYSTEM
- 1007 AUX BOILERS, ONE OUT OF SERVICE, ONE LIMITED TO 40%
- 1008 OVERTIME CONTROL - APPARENT BLANKET APPROVAL FOR RPOs TO EXCEED OVERTIME CONTROLS
- 1009 LABELLING - EXTENSIVE USE OF MAGIC MARKER LABELS
- 1010 PMT
- DIFFICULT FOR OPERATORS
 - CUMBERSOME, PROCESS PROBLEMS FOR SS
 - UNDUE RESPONSIBILITY ON SS, MINIMAL FRONT END INVOLVEMENT
- 1011 DESIGN CONCERN - AUTO TRANSFER OF RHR FLOW CONTROL FROM CR TO AUX SD PANEL ON LOSS OF POWER
- 1012 POOR TEST SCHEDULING
- EXCESS LCO ENTRIES SINCE DO NOT TAKE ADVANTAGE OF EQUIPMENT RUNS DURING THE PERIOD WHICH ARE MADE FOR OTHER PURPOSES
- 1013 CUMBERSOME SURVEILLANCES
- SIGNIFICANT SCOPE, LONG PROCEDURES, HIGH MANPOWER REQMTS
- 1014 MGMT RESPONSE, EVAL OF PROBLEMS
- CHILLING EFFECT

- 1015 AUTHORITY OF SS
 - DECISIONS CONSTANTLY CHALLENGED ON OPERABILITY, OT AUTHORIZATION, PRIORITIES
- 1016 TRIPS TO OTHER PLANTS - BUDGET AND STAFFING LIMITS
- 1017 OPS INFLUENCE THROUGHOUT PLANT - LACK OF OPS PERSONNEL IN OTHER DEPTS
- 1018 NIGHT ORDERS, MEMOS - MAY DIRECT ACTIVITIES WHICH SHOULD BE CONTROLLED BY PROCEDURES
- 1019 LOOSE FASTENERS - MANY NOTED ON ELECTRICAL PANELS
- 1020 TRAINING OFFICES - REMOTE LOCATION WITH RESPECT TO SIMULATOR
- 1021 CLOCKS IN CONTROL ROOM NOT SYNCHRONIZED
- 1022 LOCKED VALVES AND DEVICES - MANY COMPARED TO OTHER PLANTS
- 1023 TARGET ROCK VALVES
 - HOW TO TEST THE VALVES
 - LONG STANDING PROBLEM
- 1024 LIMITED EFFECTIVENESS OF OPERATIONS SELF ASSESSMENT CAPABILITY
- 1025 WORK TRIAGE SYSTEM NOT PROCEDURALIZED
- 1026 OUTAGE SCHEDULING COMPUTER PROGRAM PROBLEMS
- 1027 TRAINING - CONCERN ABOUT ABILITY TO ACCOMPLISH AS PLANNED - OJT FROZEN, EVALUATOR REQUAL, DEFERRED DUE TO OUTAGE
- 2001 EDG FUEL PUMP HOLD DOWN BOLTS
 - POOR ROOT CAUSE
 - POOR MAINTENANCE PROCESS
 - FAILURE TO EVALUATE TOOLS
 - VENDOR INFO NOT INCLUDED IN PROGRAM
- 2002 EDG START LOGS - INTERPRETATION PROBLEMS
 - VALID VS NONVALID FAILURES
 - VALID VS NONVALID TESTS
 - REINTERPRETATIONS OF CONCLUSIONS
- 2003 EDG EXCESS WEAR VS RUN TIME
- 2004 VETIP WEAKNESSES
- 2005 EDG HISTORY RECORDS INADEQUATE
- 2006 QC ENGINEERS NOT DOCUMENTING EDG PROBLEMS
- 2007 MATERIAL REDUCTION PROGRAM WEAKNESS

- 2008 NO PROCEDURE FOR TROUBLESHOOTING EDG OR WRITING EDG HEALTH REPORTS
- 2009 VETIP WEAKNESS - DRAWINGS ILLEGIBLE
- 2010 EDG MATERIAL CONDITION IDENTIFICATION WEAKNESSES
- 2011 VETIP WEAKNESS - REVIEW OF EDG PM PROGRAM
- 2012 WEAKNESS IN IDENTIFYING PROBLEMS - CRAFT
- 2013 TRAINING APPLICATION WEAKNESS
- 2014 SYSTEM ENGINEER PERFORMANCE
- NOT PERFORMING SOME OF THEIR REQD FUNCTIONS
 - DO NOT FULLY UNDERSTAND THEIR SYSTEMS
 - UNABLE TO PURSUE CORRECTION OF PROBLEMS
- 2015 REPEAT MAINTENANCE ON EDGs
- POOR MAINTENANCE PRACTICES
 - PARTS PROCUREMENT
 - ENGINEERING ALLOWED USE OF INCOMPATIBLE MATL
- 2016 PMT PROCEDURES FOR MOLDED CASE CKT BRKRS WEAK
- 2017 1ST - MANY COMPONENTS IN ALERT RANGE
- 2018 CREW LEADER FIELD SUPERVISION GOALS NOT MET, CANNOT BE MET BASED ON JOB DESCRIPTION
- 2019 MAINTENANCE MORALE SUFFERED DUE TO SHIFT SCHEDULE
- 2021 NO REFRIGERATION TRAINING FOR I&C
- 2022 PARTS AVAILABILITY PROBLEMS, LACK OF SPARE PARTS
- 2024 COMPUTER IS SLOW RESPONDING TO INQUIRIES
- 2025 PEOPLE MAKE THE PROGRAMS WORK, NOT THE PROCEDURES
- 2026 MAINT RESOURCES CONSTRAINED BY EFFORT TO GET OFF INPO TRAINING PROBATION
- 2027 SURVEILLANCE TESTING PROGRAM INADEQUATE, PROCEDURES WEAK
- 2028 POOR FEEDWATER SYSTEM DESIGN AND MATERIAL CONDITION PLACES EXTRA BURDEN ON OPS AND MAINT, CAUSES SYSTEM PERTURBATIONS
- 2032, 2033 PRA/IPE NOT USED IN MAINTENANCE AND TESTING
- 2035 SICK TIME GREATLY INCREASED THIS YEAR
- 2036 HOUSEKEEPING POOR IN SOME AREAS
- 2037 NO FORMAL COMPUTER TRAINING FOR CREW LEADERS AND HEAD JOURNEYMEN

- 2038 LACK OF IDENTIFICATION AND CORRECTIVE ACTION FOR REPEAT EQUIPMENT FAILURES
- 2039 HIGH TURNOVER OF MAINTENANCE MGMT IN RECENT YEARS
- 2040 MANY REVISIONS TO WORK PACKAGES
- 2041 DIFFICULT FOR PLANNERS TO IDENTIFY PARTS
- 2042 BATTERY DISCHARGE SURVEILLANCE TEST PROCEDURE WEAK
- 2043 SPR INVESTIGATOR NOT KNOWLEDGEABLE ON THE PROBLEM
- 2044 MOVATS PROCEDURE CUMBERSOME, 289 PAGES, EDGES TAPED TOGETHER TO PREVENT LOSS OF PAGES, THUS NOT READILY USED IN THE FIELD
- 2045 DIFFICULT TO DETERMINE PMT REQUIREMENTS
- 2046 WORK CONTROL PROCESS LACKS OVERALL COORDINATION
- 2047 ONLY 20% OF MAINT PERSONNEL HAVE PRIOR NUCLEAR EXPERIENCE
- 20- PLANNERS WORK 10 -12 HOURS PER DAY
- 20- MANY PM FEEDBACKS AWAIT PROCESSING
- 3001 CIRCUIT BREAKER OPERABILITY CONCERNS - GREASE HARDENING AND OTHER CONCERNS
- 3002 MANY UNINCORPORATED AMENDMENTS TO VENDOR DRAWINGS
- 3003 SYSTEM ENGINEER WALKDOWNS WEAK, MANY NOT DONE, TOO BUSY
- 3004 FUEL INJECTOR PUMP HOLD DOWN STUDS - RECURRING PROBLEM, INADEQUATE CORRECTIVE ACTION
- 3005 UNSECURED MATERIAL STORED IN SEISMIC AREA
- 3006 UNIT 1 CONTROL RODS STUCK, LACK OF RESPONSE TO VENDOR INFO
- 3007 ESSENTIAL CHILLER MODIFICATION PROBLEMS
- 3009 STP IS OUTLIER IN LERs CAUSE CODES
- 3010 REDUCING RESOURCES AFTER INITIAL PROBLEM CORRECTION
- 3011 CIRCUIT BREAKER SETPOINTS WRONG
- 3013 TORNADO DAMPER TESTING - DOES NOT SHOW DAMPERS WILL ACTUATE AS REQUIRED
- 3014 EDG ROCKER ARM OPERABILITY, FAILURE TO TORQUE, DID NOT USE VENDOR INFO
- 3016 POOR TRAINING FOR SYSTEM ENGINEERS

- 3018 RCA NOT DONE BY THE MOST KNOWLEDGEABLE PEOPLE
- 3019 SYSTEM ENGINEER RESPONSIBILITIES ARE TOO BROAD, CANNOT HANDLE LONG TERM TASKS, FOCUS ON CURRENT URGENT SITUATION
- 3020 SYS ENG SUPV CANNOT CONTROL SYS ENG WORKLOAD
- 3021 INADEQUATE EQUIPMENT HISTORY DATABASE
- 3022 MANAGEMENT INFORMATION SYSTEM WEAKNESS
- 3023 TOO MANY SYSTEMS PER SYS ENG
- 3024 MANY ENGINEERING BACKLOGS
- 3025 REPEAT FAILURES ON TOXIC GAS ANALYZERS
- 3026 PRA NOT REVISED BASED ON ACTUAL COMPONENT PERFORMANCE
- 3028 ESSENTIAL CHILLER TESTING CONCERNS
- 3029 ESSENTIAL CHILLER OPERABILITY CONCERNS POST DBA
- 3030 INCONSISTENCIES WITH EDG FAILURE DOCUMENTATION
- 3031 MODIFICATIONS DELAYED, DEFERRED, OR CANCELLED
- 3032 CONCERN WITH CONTROL AND IMPACT OF TEMPORARY MODIFICATIONS

STP REVIEW PANEL

MEETING NOTES - APRIL 22, 1993

ATTENDEES

B. Beach, Director, DRP
S. Collins, Director, DRS
A. Howell, Deputy Director, DRS
D. Chamberlain, Deputy Director, DRSS
W. Johnson, Chief, Project Section A
M. Satorius, Project Engineer, Project Section A
J. Tapia, Senior Resident Inspector, Project Section A
B. Murray, Chief, FIPS, DRSS
G. Sanborn, Enforcement Officer
J. Gilliland, Public Affairs Officer
*W. Hehl, DET Leader
*M. Virgilio, Assistant Director, Region IV & V Reactors, NRR
S. Black, Director, Project Directorate IV-2, NRR
L. Kokajko, Senior Project Manager, NRR

* Participated via Telecon

PANEL SUBJECTS

- Bill Johnson gave a brief plant status.
- The Allegation Coordinator briefly discussed all the current open allegations at STP. The current allegations are able to be resolved by Region IV inspectors, with the assistance of several OI investigations.
- Potential issues for restart were discussed (these are the subject of an attachment to the Agenda). Based on the discussions, the Panel decided to defer the CAL public meeting until after the DET interim exit that will be conducted on April 30, 1993. The best date for the CAL public meeting appears to be May 5, 1993; however, this date is considered tentative.
- Bill Hehl, DET Leader, gave a briefing on the current issues that were identified during the first two weeks of the DET. An encapsulation of these issues are listed below:

GENERAL COMMENTS

In all four functional areas, the team is pursuing issues regarding:

- Communications
- Adequacy of root cause analysis and failures of corrective actions
- Adequacy of staffing

OPS/TRAINING

1. Management's interaction with Operations has produced conflicting guidance, often senior licensee management bypasses operation's management, and operator confidence in making decisions has been affected.

2. Operations and senior plant management spends very little time in the plant.
3. Shift supervisors appear to have little authority to prioritize work activities.
4. There is extensive operator overtime.
5. There is a large number of "work-arounds" due to degraded equipment.
6. Operations training has been deferred due to the outages-which essentially means since September 1992.
7. RPO training has been deferred, in addition to there being minimal numbers available for shift staffing. Other RPO problems include:
 - Excessive overtime
 - RPO pipeline has not kept up with the depletion of RPOs due to licensed operator classes
 - Fire Brigade Leader training lapses by chemical operators has further subjected RPOs to overtime and excessive duties
8. Although the 1993 budget had cut a large number of RPOs for the training pipeline, management has reversed that decision and will increase the number of RPOs. Attempts to enact a speed-up of the RPO training has not been effective due to the relative in-plant inexperience of RPO trainees.
9. The units (due in part to the three train design and poor material condition) enter a large number of LCOs per day (as many as 100 per day), which increases the administrative burdens on the operations staff.
10. A large number of operator errors were noted, and weaknesses in the post maintenance testing program has been identified.
11. Plant labeling is considered poor.
12. Nine different computer systems, each with its own language burdens operators.
13. Poor root cause evaluation systems:
 - Program is good, with improvements noted over the past several years; however the backlog is large
 - Corrective Action Group is responsible for the administration of the corrective action program, but is not effective and essentially shuffles station problem reports to an overburdened operations staff for resolution
14. Plant labelling is poor and the label upgrade project had been deferred by budget restrictions.

MAINTENANCE/TESTING

1. Maintenance backlog is very large - 5600 to 5700 items. Contributing factors:
 - Weak planning and scheduling support
 - Inefficient and ineffective work control and management
2. The vendor information program is weak:
 - P&ID backlog has 10,000 items outstanding
 - Other examples include rod control technical bulletins and EDG rocker arm torque values
3. Equipment history ineffective with large backlog.
4. Numerous recurring equipment problems:
 - EDGs
 - IST program-many pumps and valve on accelerated testing periodicity

- ECW system
- Essential chillers
- Auxiliary boiler
- Many BOP equipment problems

These equipment problems add to the burden on operators due to the amount of operator time that must be expended on operating this equipment in the manual mode of operation.

5. Maintenance training is weak, as evidenced by the maintenance training program being on INPO probation.
 - Craft training is weak-the licensee has decided to hire 50 to 60 contractor workers to permit their own craft to be trained
 - Poor craft training has exacerbated the work control problems identified earlier
 - The former Training Manager had identified several year ago that the reduction of resources allocated to maintenance training would result in future problems; he resigned under pressure in the Fall of 1992.
6. The licensee continually sets unrealistic outage length goals, due to the scope of the work to be completed.
7. The ineffectiveness of work control is partially due to the poor quality of maintenance and surveillance procedures.
8. The DET will look further at the licensee's station lubrication program.

ENGINEERING

1. There has not been aggressive implementation of the corrective action program.
2. Engineering quality has been affected by the vendor information program and the large vendor drawing backlog.
3. The system engineering program is weak:
 - System engineers are not performing system walkdowns
 - System walkdowns that are completed are poor and not comprehensive
 - System health reports are not completed at required intervals and are not being effectively utilized
 - System engineers are not adequately familiar with their systems, are overworked, and generally are poorly trained
4. There is a large backlog of modifications.
5. The DET will continue to analyze apparent inadequacies in design basis requirements.
6. A number of inadequacies in post maintenance testing are present on essential chillers and EDGs.

MANAGEMENT/ORGANIZATION

1. Self-assessments are of limited scope.
2. The ISEG staff is marginal-with the ISEG manager not being effective.
3. The licensee has a poor management information system, and does not effectively utilize the information system that is available.
4. The DET has a number of questions regarding the validity of EDG testing and the licensee's determination of several non-valid failures. The DET will continue to pursue this issue on the last week on-site.

5. The station problem report initiation guidance is inadequate. An observation was made that the number of station problem reports generated over the last four to six weeks has increased dramatically.
6. One of the reasons that outage scopes are unrealistic is that engineering planning of outages is not realistic.

POSITIVES

1. High quality staffing exists.
 2. Management expectations appear to be realistic, but the workload is not taken into account in the expectations.
 3. Radiation protection is good.
 4. Design basis documentation and information is good.
 5. The technical support engineering group is enhancing quality of work.
 6. Site facilities are excellent, or at least as good as any DET member has seen.
- The Panel did not discuss MC 0350. The next meeting's primary topic will be this matter.
 - S. Black gave a brief description of the IG/OI investigation results at STP.
 - The next Panel meeting will be on the morning of May 6, 1993, prior to the SSPS fuse enforcement conference, which is scheduled for 1 pm.

STP REVIEW PANEL

MEETING NOTES - MAY 5 AND 6, 1993

ATTENDEES - MAY 5

B. Beach, Director, DRP
A. Howell, Deputy Director, DRS
D. Chamberlain, Deputy Director, DRSS
W. Johnson, Chief, Project Section A
*J. Tapia, Senior Resident Inspector, Project Section A
G. Sanborn, Enforcement Officer
J. Gilliland, Public Affairs Officer
R. Wise, Allegation Coordinator
I. Barnes, Technical Assistant, DRS
*M. Virgilio, Assistant Director, Region IV & V Reactors, NRR
*S. Black, Director, Project Directorate IV-2, NRR
*L. Kokajko, Senior Project Manager, NRR

* Participated via Telecon

ATTENDEES - MAY 6

B. Beach, Director, DRP
S. Collins, Director, DRS
J. Callan, Director, DRSS
W. Johnson, Chief, Project Section A
J. Tapia, Senior Resident Inspector, Project Section A
J. Gilliland, Public Affairs Officer
M. Virgilio, Assistant Director, Region IV & V Reactors, NRR
*S. Black, Director, Project Directorate IV-2, NRR
L. Kokajko, Senior Project Manager, NRR

* Participated via Telecon

PANEL SUBJECTS - MAY 5

- Bill Johnson gave a brief plant status.
- The Allegation Coordinator briefly discussed the current open allegations at STP. The 13 current open allegations are able to be resolved by Region IV inspectors, with the assistance of several OI investigations.
- Bill Beach gave a briefing on the DET interim exit meeting held at STP on April 30, 1993. Briefing notes follow.

I. OPERATIONS

Staffing levels appear marginal; deferred training reduction could impact plant safety; excessive overtime/fatigue

Scope of activities and administrative burden - personnel errors

Communications - confusing and conflicting guidance to CRs
Inability to identify and correct problems (work-arounds)
Operator performance - degraded and inoperable equipment

II. MAINTENANCE

Adequacy of post-maintenance testing program
Training not adequate/appropriate for craft activities in the field
Significant number of barriers to achieving good performance
Work Control Process - burdensome, cumbersome; backlogs
Overtime - fatigue has existed for over six months
Parts - wrong parts in field, wrong components
Predictive Maintenance Program - burdened by workload
Resources severely strained
Procedures do not align well with experience, capability of craft
Maintenance/Surveillance Program - technical adequacy
System Engineer Program not effectively implemented -
 Support Systems not adequate
 Assignment of back-up-systems too broad - some do not know
 Design basis knowledge limited - training weak

III. ENGINEERING

Essential Chilled Water System
 Design Basis Review Incomplete - cold weather, low load
 T-mode, remove auto action throttling valves
 Reliability, equipment history
 Testing has not demonstrated system will perform under all DB conditions

Testing of tornado dampers not adequate

Fire Protection - seal shrinkage, computer system

Electrical setpoints - molded case circuit breakers

Modification backlog excessive, some SR - needs prioritization

Management Information Systems weak, not serving purpose

Root Cause Analysis weak

IV MANAGEMENT/ORGANIZATION

Dichotomy - issues raised to too high levels
involvement of management in plant very limited

Communications and coordination not at level needed

Expectations not effectively communicated

Aggressive QA organization - not translated into resolution

NSRB effective, but again - issues not dealt with

ISEG not effective

Performance Indicators not capturing real picture of performance

V POSITIVES

Good people and staff - too many barriers in-place

Radiological Protection Program - aggressive ALARA

Design basis documentation packages good

Tech Support Engineering program good

QA program reviews and surveillances impressive

Excellent facilities

VI BILL COTTLE COMMENTS

Diagnostic & STP staff have done outstanding job - openness and candor

Communications candid and succinct

Issues - Basic management and basic process

Can be resolved by procedure changes and input

Need to facilitate work force input

Encouraged by Diagnostic -- will not take a siege mentality

Will use to focus problems at STP

- The Panel discussed issues which must be addressed prior to restart. These issues, after further discussion with Bill Hehl and others over the next two days, are listed below:

- The Station Problem Report process including process improvements, threshold, and results of licensee review of existing reports for issues affecting equipment operability and safe plant operation;
- The Service Request backlog including reduction accomplished during the current outages and results of the licensee's review of outstanding Service Requests for issues affecting equipment operability, safe plant operation, and operator work-arounds;
- The post maintenance test program, including corrective actions in response to recent violations and other process improvements and the basis for licensee confidence that equipment removed from service for maintenance is properly restored to an operable status;
- The outstanding design modifications and temporary modifications, and other engineering backlog items, including the results of the licensee's review of these for issues affecting equipment operability, safe plant operation, and operator work-arounds;
- Staffing in the operations department including adequacy of current staffing levels, plans for replacing planned and unexpected losses to support safe plant startup and operation, and the adequacy of staffing under emergency conditions;
- The status of fire brigade leader training including verification that this training meets regulatory requirements;
- The status of the fire protection computers including reliability and functionality of operator interface;
- Management effectiveness in identifying, pursuing, and correcting plant problems, including any plans for independent reviews; and
- The results of internal restart readiness reviews.

This listing of topics was subsequently incorporated into a letter to the licensee, supplementing the CAL of February 5, 1993. The licensee was advised that if other such topics are identified prior to the briefing, they would be advised by letter or telephone. The licensee was requested to inform Mr. Milhoan when licensee staff has made significant progress in addressing these issues so a special inspection could be scheduled prior to the briefing.

- The panel agreed that Region IV would plan an inspection to review the licensee's readiness for restart prior to the public CAL briefing, which would most likely be after the DET final exit meeting (June 3, 1993).

- The panel discussed the pending inspection to address the missing seismic screws in the QDPS system. The SRI has the lead on this inspection.
- The panel discussed pending inspections to address the mispositioned main feedwater isolation valve bypass valve and the missing T-drain on a motor operator for a residual heat removal system valve. DRS will take the lead on these inspections.
- The next Panel meeting was not firmly scheduled. It is expected to be held during the week of May 17, 1993.

PANEL SUBJECTS - MAY 6

- The Panel discussed the implementation of Manual Chapter 0350. Status and action assignments follow:

MANUAL CHAPTER 0350 REQUIREMENTS AND PROPOSED ACTION ASSIGNMENTS

- 04.01 Director, NRR, notifies EDO and Commission of NRC actions concerning shutdown plants and the proposed restart plan.

Action: Complete, this has been discussed in EDO conference calls.
- 04.02a RA discuss with Deputy EDO, NRR and OE the need for an order or CAL to specify the required licensee actions to receive NRC restart approval and the proposed followup plan.

Action: RIV issued CAL on 2/5/93. Panel monitor need for order. Region IV to send letter to licensee with additional concerns. (Note: A CAL Supplement was issued on May 7, 1993)
- 04.02b RA decide with NRR AD for Projects whether this MC applies.

Action: It has been agreed that MC 0350 applies.
- 04.02c RA coordinate with NRR AD for Projects to decide whether to establish a Restart Panel.

Action: Complete, the STP Oversight Panel is the Restart Panel. The membership remains unchanged.
- 04.02d RA coordinate with NRR AD for Projects to develop a Restart Action Plan, with checklist and responsibility assignments and schedules.

Action: DRP and NRR PM develop plan and present to Panel.
- 04.02e RA coordinate and implement assigned actions of Restart Action Plan.

Action: Future action after Plan approval.

- 04.02f RA and NRR review acceptability of licensee's corrective action program.
Action: Discuss in future Panel meeting.
- 04.02g RA consult with EDO and NRR and approve plant restart.
Action: Future action.
- 04.03 NRR AD for Projects act as focal point for discussions in NRR to establish followup actions.
Action: NRR
- 04.04a NRR Projects Assistant Director coordinate participation in followup conference calls and management discussions to ensure RA and Director, NRR, involvement in followup action.
Action: NRR
- 05.02 Initial actions.
Action: CAL issued, AIT inspection and follow inspection performed, DET inspection ongoing.
- 06.01a Restart Panel membership.
Action: Complete, the Panel consists of:
Bill Beach, Director, DRP
Art Howell, Deputy Director, DRS
Dwight Chamberlain, Deputy Director, DRSS
Marty Virgilio, AD for Region IV & V Reactors, NRR
- 06.01b Restart Panel responsibilities
- 06.01b1 Review information related to shutdown.
Action: Complete.
- 06.01b2 Develop plant-specific Restart Action Plan.
Action: DRP and NRR PM develop plan and present to Panel.
- 06.01b3 Review licensee corrective action or improvement program.
Action: Future.
- 06.01b4 Overview licensee performance through periodic meetings.
Action: Ongoing.
- 06.01b5 Conduct periodic meetings with the licensee to discuss progress. Meetings may be near the site and open to the public.

- Action: Panel discuss scheduling.
- 06.01b6 Provide oversight of NRC followup actions. Identify NRC inspection and technical review areas.
- Action: Ongoing.
- 06.01b7 Provide periodic assessment of licensee performance and corrective actions to NRC management.
- Action: Panel discuss frequency and level of briefings.
- 06.01b8 After satisfactory completion of licensee restart program, recommend restart approval to RA and Director, NRR.
- Action: Future.
- 06.02 Restart Action Plan.
- Action: DRP and NRR PM develop plan and present to Panel.
- 07.01 Coordination of followup activities.
- Action: Panel discuss.
- 07.02 Commission involvement.
- Action: Panel discuss.
- 07.03 ACRS involvement.
- Action: Virgilio to call Larkins.
- 07.04 Public participation.
- Action: CAL restart meeting is to be open to the public.
- 07.05 Other agencies and government organizations involvement.
- Action: NRR PM to call the Office of Congressional Affairs. The State of Texas has expressed interest.
- 08 Records to be maintained and available to the public.
- Action: NRR PM ensure all required documents are included in the docket file.
- 08a PNs, Commission Information Papers, and other documents describing the problem.
- Action: NRR PM - Director's Highlights
- 08b CAL or Order.

- Action: DRP provide to NRR PM.
- 08c Establishment of Restart Panel and Restart Action Plan.
Action: DRP provide signed memo to NRR PM.
Action: DRP Maintain Restart Action Plan when approved; provide to NRR PM.
- 08d Interim progress reports (Commission Paper)
Action: NRR PM, if needed.
- 08e Restart Panel Meeting minutes and NRC/licensee meeting minutes.
Action: DRP provide to NRR PM. Panel meeting notes contain predecisional information and are not releasable at this time.
- 08f Inspection reports and related correspondence.
Action: DRP ensure docketing.
- 08g Safety evaluations.
Action: NRR PM, if needed.
- 08h Other agency and government actions communicated to NRC.
Action: NRR PM
- 08i Written restart approval.
Action: DRP ensure docketing.

STP REVIEW PANEL

MEETING NOTES - JUNE 16, 1993

ATTENDEES

B. Beach, Director, DRP
S. Collins, Director, DRS
J. Callan, Director, DRSS
S. Black, Director, Project Directorate IV-2, NRR
W. Johnson, Chief, Project Section A
M. Satorius, Project Engineer, Project Section A
J. Gilliland, Public Affairs Officer
C. Hackney, State Liaison Officer
L. Kokajko, Senior Project Manager, NRR
B. Spitzberg, Emergency Preparedness Analyst

PANEL SUBJECTS

- Panel Membership was discussed, with reference to MC 0350 and the recent move of M. Virgilio to another position at Headquarters. S. Black will replace M. Virgilio. L. Kokajko and D. Loveless will become panel members. A. Howell will be replaced by the Director, DRS, or his designee. D. Chamberlain will be replaced by the Director, DRSS, or his designee. Bill Johnson will amend the charter to reflect these changes.
- The subject of periodic meetings with the licensee was discussed. The Panel recognized the benefit of conducting periodic meetings onsite with the licensee. Panel site visits would usually include plant tours, discussion of selected issues with licensee representatives, and a panel meeting. Charles Hackney indicated that he would approach Mr. Milhoan concerning his thoughts on participation by outside sources. Charles would communicate Mr. Milhoan's desires back to the Panel.
- Bill Johnson gave a brief status of the implementation of MC 0350. The checklist was generally up-to-date, but the Project Section would take for action an initiative to ensure that the case specific checklist was updated to reflect followup of significant DET issues.
- The panel was presented a briefing by DRSS on the recent emergency exercise that was conducted onsite. This exercise was an "off" year exercise with no participation outside of the agency. The following six weaknesses were identified:
 - Classification - The licensee failed to properly identify and classify the event as a General Emergency.
 - Weaknesses in the TSC in that there were weak technical evaluations of plant conditions and lack of focus on issues needing priority attention.

- Weakness in the emergency response staffing (Admin manager and staff did not respond) in the TSC that aggravated the weak technical evaluation of plant conditions.
- Errors in the notification messages to the state and county; this weakness was previously identified in the last exercise at STP.
- Medical response was weak; an excessive length of time was required to get the licensee's dedicated ambulance into the protected area.
- Self-critique weaknesses were noted. The licensee was not able to attach the appropriate significance to the deficiencies that were identified.

The EP inspectors will be returning to the station in the month of August to conduct a exercise walk-through. Any potential restart issues associated with EP that develop from this report would be resolved prior to the licensee being ready to request restart.

The only weakness identified that could possibly develop into a FEMA concern was the issue regarding errors in the notification messages to the state and county. DRSS committed to making a courtesy call to FEMA after the report is issued to alert them of the concerns resulting from the inspection. In addition, Joe Callan will touch base with Frank Congel of the program office to get their feedback on the issue.

- The panel discussed the issuance of an Order. Benefits from this action would include:

- Cease escalated enforcement activities that are presently placing a high demand on NRC staff resources.
- Suspend the SALP process.
- Assist in the definition of what Agency action is needed prior to plant restart.

An Order would:

- Replace the CAL and the CAL supplement
- Free up Regional resources to permit more effective inspection of program implementation enhancements prior to restart.
- Be optically positive for the Agency.

Bill Beach would contact the RA with the consensus recommendation of the Panel that an Order would be an appropriate enforcement action to be taken at STP.

- The Panel discussed SALP at STP. The consensus of the members was that there were too many issues unresolved for the SALP process to make any

meaningful conclusions in light of the findings in the DET and that a SALP would not serve any positive purpose.

- DET followup by Region IV was discussed with respect to the issues that require resolution prior to restart. The Panel decided that the Project Section should extract the restart issues from the report and sort them into like categories such that an inspection plan can be developed for later implementation.
- The Panel considered the need for a temporary supervisory position at STP, in addition to the SRI. This initiative would be discussed with the RA. The Panel consensus was that a detail of two years would be beneficial.
- The next Panel Meeting was scheduled for June 21, 1993, at 3 p.m.

STP REVIEW PANEL

MEETING NOTES - JUNE 21, 1993

ATTENDEES

J. Milhoan, Regional Administrator
B. Beach, Director, DRP
S. Collins, Director, DRS
J. Callan, Director, DRSS
*S. Black, Director, Project Directorate IV-2, NRR
W. Johnson, Chief, Project Section A
M. Satorius, Project Engineer, Project Section A
J. Gilliland, Public Affairs Officer
C. Hackney, State Liaison Officer
G. Sanborn, Enforcement Officer

* Participated Via Telecon

PANEL SUBJECTS

- The memo drafted by Projects concerning the proposal to change the STP SALP to involve not issuing a report until approximately six months after the restart of the first STP unit was discussed. The Panel and the Regional Administrator concurred that this action was appropriate considering the present circumstances at STP. The period of this SALP report would only cover plant performance the six month following restart.
- A memo drafted by Projects concerning a proposal to dispense with portions of the Enforcement process at STP was discussed. The Panel decided that Gary Sanborn and Bill Beach would pursue the topic with OE for concurrence, and at a minimum, consider the present enforcement action pending against STP on the seismic qualifications of the QDPS a likely candidate for enforcement discretion under the provisions of Part 2, Section VII.B.3. The Regional Administrator agreed with this approach.
- The panel briefly discussed the steam generator conference call that was scheduled for the following day. The purpose of the call was primarily informational in order for NRR and the Region to better understand the licensee's plans with respect to testing steam generator tubes.
- The issue from previous Panel meetings regarding the issuance of an Order was discussed. The Regional Administrator stated that based on his insights from the discussions at the recent SMM, an Order would not be required at STP.
- The remainder of the agenda was not discussed due to time restraints. The next meeting was tentatively scheduled for the end of the week of June 28, 1993.

STP REVIEW PANEL

MEETING NOTES - JULY 1, 1993

ATTENDEES

B. Beach, Director, DRP
A. Howell, Deputy Director, DRS
D. Chamberlain, Deputy Director, DRSS
*S. Black, Director, Project Directorate IV-2, NRR
*D. Skay, Project Engineer
W. Johnson, Chief, Project Section A
*D. Loveless, Senior Resident Inspector
*M. Satorius, Project Engineer, Project Section A
D. Powers, Chief, Maintenance Section, DRS
G. Sanborn, Enforcement Officer

* Participated Via Telecon

PANEL SUBJECTS

- Plant Status

The licensee is leaning toward performing inspections of the steam generators of both units during the outages. A decision is expected this week. Tentative plans are to take Unit 1 to Mode 3 in late July for testing the turbine driven auxiliary feedwater pump and to apply steam to the turbine building to check the effectiveness of various steam system repairs. After this the unit would be cooled down and defueled for steam generator inspections. Startup of Unit 1 would then be planned for no earlier than October 1993. Region IV will provide inspection coverage of the AFW testing.

- Panel Membership

The Panel charter has been revised to delete M. Virgilio and to add S. Black, L. Kokajko, D. Loveless, and W. Johnson as members. Another charter revision will be necessary to reflect a new chairman to replace B. Beach who will be unavailable while leading a Diagnostic Evaluation in Region III.

- Personnel

The new resident inspector, Jack Keeton, reported to the site this week. The new senior resident inspector, David Loveless, and the other new resident inspector, Denise Garcia, are expected to report to the site the week of July 12, 1993.

- Enforcement Issues

Possible enforcement items resulting from the special inspection conducted by DRS covering the main feedwater isolation valve bypass valves and motor operated valve T-drains include: 1) incorrect reclassification of the MFIV bypass valve positioners as non-safety

related; 2) inadequate corrective action after the improper reclassification was identified; 3) environmental qualification of bypass valve solenoid valves; 4) failure to calibrate bypass valve positioners; and 5) environmental qualification of a motor operated valve with a missing T-drain. The panel discussed the safety significance of these items and concluded that it did not rise to Severity Level III. The licensee has been slow in addressing the associated issues and the panel decided that a management meeting in late July would be used to discuss the issues and the licensee's response.

Possible enforcement items resulting from the special inspection being conducted by DRP covering the loss of spent fuel pool cooling include: 1) failure to follow procedures for control board awareness and shift turnovers; 2) failure to conduct adequate operator tours; and 3) inadequate corrective action after a previous similar event. The panel determined that the safety significance of these items did not rise to Severity Level III. These issues and the associated corrective actions will be discussed in a management meeting with the licensee in late July.

The current resident inspector report (93-15) has several minor violations which will be issued as Severity Level IV with no response required.

The special inspection on the qualified display parameter system was issued on June 30 with one severity Level IV violation with no response required.

Art Howell discussed a pending issue with the questionable thrust capabilities of the PORV block valves. This could become a startup issue.

- Discussion of Staff Actions Resulting from the DET

The panel discussed each of the nine staff actions and agreed to the following responsibility assignments:

<u>Item</u>	<u>Responsibility</u>	<u>Comments</u>
1.a	RIV	Restart Inspection
1.b	NRR	
2.a	NRR	DRS to perform inspection
2.b	NRR	
3	RIV	
4.a	RIV with NRR assistance	Acceptance criteria unknown
4.b	NRR	
5	NRR with RIV assistance	
6.a	NRR	
6.b	NRR	
7.a	NRR	
7.b	NRR	
8	NRR	

- Inspection Program Credit for DET

The next QPPR (scheduled for July 14, 1993) will discuss adjustments to the MIP to take inspection program credit for the inspections performed by the DET as outlined in C. W. Hehl's memo to A. B. Beach, dated June 10, 1993.

- Agenda for Panel Meeting at the Site on July 16, 1993

At 7:30 a.m. CDT on July 16, 1993, the Panel will meet in the resident inspector office at the site. The Panel will review the licensee's submittal and determine any areas needing clarification or additional information at the public meeting later the same day.

STP REVIEW PANEL

MEETING NOTES - JULY 16, 1993

ATTENDEES

S. Collins, Director, DRS
A. Howell, Acting Deputy Director, DRP
*S. Black, Director, Project Directorate IV-2, NRR
W. Johnson, Chief, Project Section A
D. Loveless, Senior Resident Inspector
J. Milhoan, Regional Administrator
L. Kokajko, Senior Project Manager, NRR

* Participated Via Telecon

PANEL SUBJECTS

- Plant Status

The licensee is completing plans to perform inspections of the steam generators of both units during the outages. The licensee still plans to take Unit 1 to Mode 3 in late July for testing the turbine driven auxiliary feedwater pump and to apply steam to the turbine building to check the effectiveness of various steam system repairs. After this the unit will be cooled down and defueled for steam generator inspections. Unit 2 SG inspections are being planned for late July through late August. Unit 1 SG inspections are planned for late August through late September. Unit 1 core reload would then be in late October, with power production by the end of the year.

- Inspection Planning

Mark Satorius, Jack Keeton, and Denise Garcia are scheduled to be on site during the last week of July to provide inspection coverage of the AFW testing.

DRS will consider the need to provide inspection coverage of the SG inspection activities.

DRS will consider the need for inspection coverage of the Unit 1 fuel handling activities, possibly a FIRS inspection.

- Tracking

The panel discussed briefly the types of items which must be tracked to ensure appropriate NRC staff review prior to STP restart. The list included IFS items, allegations, 2.206 petitions, DET findings, and emergent issues. DRP will be the focal point for this tracking, with possible assistance to be provided by DRS. In September a letter from the Regional Administrator to the Director of NRR should be prepared to provide status. The 93400 format may be appropriate for this letter.

- Plant Tour Comments

The panel toured the site from 4 - 7 p.m. on July 15, 1993. Primary comments discussed in the panel meeting were:

- There was little work in progress in the areas toured. The maintenance department was between shifts during much of this time.
- The areas where work had been in progress were messy, particularly the Unit 2 Train A safety injection pump room.
- Overall, the plant was clean, with few contaminated areas and general access to the containment buildings permissible without anti-contamination clothing.
- Some painting activities were observed in progress. The recently painted areas presented a very good general appearance.
- Local fire protection panels had tags indicating some inoperable components.

- Agenda for Panel Meeting in the Region IV office on July 30, 1993

At 9 a.m. CDT on July 30, 1993, the Panel will meet in the DRP conference room. The Panel will discuss the approach to be used to track startup issues and other open items which must be reviewed prior to startup and discuss when and how to perform a review of the Speakout program. At 11 a.m. that day, a management meeting with HL&P is scheduled in the Region IV office. At this management meeting, main feedwater isolation valve bypass valve, MOV T-drain, and spent fuel pool cooling issues will be discussed.

STP REVIEW PANEL

MEETING NOTES - JULY 30, 1993

ATTENDEES

S. Collins, Director, DRS
A. Howell, Acting Deputy Director, DRP
S. Black, Director, Project Directorate IV-2, NRR
W. Johnson, Chief, Project Section A
D. Powers, Chief, Maintenance Section, DRS
R. Wise, Allegation Coordinator
*M. Satorius, Project Engineer
J. Gilliland, Public Affairs Officer

* Participated Via Telecon

PANEL SUBJECTS

- Plant Status

There have been no significant plant status changes. The licensee plans to take Unit 1 to Mode 3 in early August for testing the turbine driven auxiliary feedwater pump and to apply steam to the turbine building to check the effectiveness of various steam system repairs.

- Inspection Planning

David Loveless, Jack Keeton, and Denise Garcia are scheduled to be on site during the first week of August to provide inspection coverage of the AFW testing.

DRS will consider the need to provide inspection coverage of the SG inspection activities. Scheduling information is still needed from the licensee.

Speakout Program Review - The panel will request a briefing on the program during the September site visit. Then the panel will determine the scope of our review, which would likely be performed in October. The review team leader will be selected at the next panel meeting. The team leader should be present for the September briefing.

Restart Inspection - DRP will discuss this with the Regional Administrator. We need to determine whether RIV or HQ will head the effort.

- Tracking

The panel discussed briefly the types of items which must be tracked to ensure appropriate NRC staff review prior to STP restart. The list included IFS items, allegations, 2.206 petitions, DET findings, and emergent issues. DRP, DRS, DRSS, and NRR should prepare preliminary lists before the next panel meeting (currently scheduled for 8/26 at the site). From the submitted items, a file will be prepared. A task group

will be formed to review this file and to prepare a punch list of items to be resolved before startup. The list will be reviewed with the licensee to assist in coordination of resolution.

- Spent Fuel Pool level decrease

Mark Satorius described his findings after reviewing the event of 7/21/93. No major issues have been identified. The licensee has formed an event review team and a Human Performance Review Board. Mark will provide input to the routine resident inspector report.

- City of Austin

The city manager has requested a briefing of the city council by the NRC on the DET findings and the placement of STP on the watch list. This will be coordinated by Charles Hackney.

- STP Response to the DET report

STP has informed RIV that they plan to submit a strategy letter next week. They plan to submit an operational readiness plan in late August. The Business Plan would be submitted in early October.

- Security Issues

Joe Callan is planning a trip to the site August 16-17 for a management meeting about issues in the most recent security inspection.

- SALP

The SALP cycle will be extended until 6 to 9 months after the startup of the first unit.

- Management Meeting

Some panel members will attend the management meeting on 7/30 in RIV. DRS and DRP will state their concerns at the beginning of the meeting.

- Agenda for the next panel meeting will include:

Standby diesel generator reverse power relays
Results of plant tour
Insights from licensee briefings on 8/25
Leader for Speakout program review
Tracking list development
Restart inspection

- Briefings at the site during the next visit should include:

Vice President Nuclear Engineering
Independent assessment of security
Site Reorganization

STP REVIEW PANEL

MEETING NOTES - SEPTEMBER 8, 1993

ATTENDEES

S. Collins, Director, DRS
A. Howell, Acting Deputy Director, DRP
J. Roe, Director, Division of Reactor Projects III/IV/V, NRR
L. Kokajko, Senior Project Manager, NRR
W. Johnson, Chief, Project Section A
*R. Wise, Allegation Coordinator
*D. Chamberlain, Deputy Director, DRSS
*B. Spitzberg, FIPS
D. Garcia, Resident Inspector
J. Keeton, Resident Inspector
D. Loveless, Senior Resident Inspector

* Participated Via Telecon

PANEL SUBJECTS

- Allegation Status

Russ Wise reviewed the status of open allegations for the panel. There will be a conference call with NRR on September 10, 1993, to discuss Allegation 93-101.

- DRSS Issues

An emergency preparedness accountability drill is scheduled for September 23, 1993. The Senior Resident Inspector has been asked to observe the drill. No other restart issues have been identified in the emergency preparedness area.

A management meeting was held in the regional office with HL&P on September 1, 1993. At this meeting the licensee provided a review of the recent independent security management assessment results. No restart issues have been identified in the security area.

- Standby Diesel Generator Reverse Power Relays

David Loveless briefed the panel on recent problems with these relays. There have been numerous other minor problems identified related to SDG maintenance, modification, and testing. SDG issues need to be reviewed and dispositioned prior to unit restart.

- Speakout Program Review

The licensee is having an independent assessment of the SPEAKOUT program performed. The review started on September 7 and is expected to be completed in 4 to 5 weeks. The NRC inspection of the program should be scheduled after the results of this review are known. DRS will coordinate this for RIV. Dale Powers will obtain information from the

licensee about the scope and schedule of the independent review and DRS will brief the panel at its next meeting. The NRC inspection of the SPEAKOUT program should include headquarters participation.

- Tracking

DRS, DRSS, NRR, the Enforcement Officer, and the Allegation Coordinator are requested to provide a list of potential plant restart issues to DRP by September 16, 1993. DRP will revise the draft startup issue list prior to the next panel meeting.

- Restart Inspection

The restart inspection will be led by the Special Inspection Branch. The projected time frame for the inspection to start is the second week of December. DRP will prepare a list of potential issues for review during the restart inspection. In addition to this inspection, RIV will conduct a series of inspections in selected areas.

- Chairman's Visit to STP on 9/15

Bill Johnson reviewed the agenda for the visit. The Chairman will be accompanied by the Regional Administrator.

- Informal Briefing Schedule after the Public Meeting

Briefings on the Operations Work Control Group and the system certification process were scheduled.

- Staff Actions from the DET Inspection

It was noted that responses to the EDO's memo of August 3, 1993, are due by November 1, 1993. The written responses will provide a summary of the schedule and status of each item in the staff actions memo.

- STP Response to the DET report

HL&P submitted their operational readiness plan August 28, 1993. The Business Plan is scheduled for submittal in late October. DRP will prepare a draft acknowledgement letter for the ORP.

- The next panel meeting is expected to be held in RIV on September 23. The agenda for the next panel meeting will include:

- Restart plan
- Case specific checklist review
- Staff actions from the DET
- Inspection planning

STP REVIEW PANEL

MEETING NOTES - SEPTEMBER 23, 1993

ATTENDEES

S. Collins, Director, DRS
A. Howell, Acting Deputy Director, DRP
S. Black, Director, Project Directorate IV-2, NRR
L. Kokajko, Senior Project Manager, NRR
W. Johnson, Chief, Project Section A
R. Wise, Allegation Coordinator
D. Chamberlain, Deputy Director, DRSS
*D. Loveless, Senior Resident Inspector
T. McKernon, Reactor Inspector
L. Gilbert, Reactor Inspector
M. Satorius, Project Engineer
E. Imbro, Chief, Special Inspection Branch, NRR
P. Koltay, Section Chief, Special Inspection Branch, NRR

* Participated Via Telecon

PANEL SUBJECTS

- Plant Status

David Loveless briefed the panel on the current status of the units.

- Allegation Status

Russ Wise reviewed the status of open allegations for the panel. The Restart Plan will include panel consideration of the status of allegations and whether any open allegations involve issues affecting restart.

- SPEAKOUT Independent Assessment

The panel members were provided copies of the charter for the independent assessment which is in progress at the site. The results of the assessment are expected to be available in late October. DRS will prepare the inspection plan and lead the NRC review of the SPEAKOUT program. Various headquarters groups will be invited to participate.

- Tracking List Development (Restart Issues)

Mark Satorius and Tom McKernon briefed the panel on their effort to prepare an inspection report to document and assign tracking numbers to the restart issues. An attachment to the report will present a summary table of the issues and the related items from the DET report, the CAL and its supplement, Licensee Event Reports, and items from previous inspection reports.

- ORAT Inspection Planning

Gene Imbro and Peter Koltay discussed their preliminary plans for performing the ORAT inspection. They were given a list of potential issues for review during the inspection. Peter Koltay will prepare a draft inspection plan for discussion on October 5.

- Regional Inspection Planning

Bill Johnson discussed a draft listing of needed regional inspections and the proposed lead organization for each inspection. Timing of the inspections is dependent on the licensee's schedule for completion of actions related to the issues. Emergency preparedness and security inspections are planned for October and November. Inspection plans for the restart issue inspections must be coordinated with DRP.

- Staff Actions from the DET Inspection

DRP and NRR will draft response memos to the EDO. The written responses will provide a summary of the schedule and status of each item in the staff actions memo.

- Docketing Meeting Notes

Lawrence Kokajko discussed the MC 0350 requirements for docketing documents related to the panel's activities, such as meeting notes. NRR will review further the scope of documents to be placed on the docket. DRP will assist in compiling the documents. DRS will provide administrative assistance.

- MC 0350 Checklist Review

This item was deferred until 9/27.

- DET Item Enforcement Status

Mark Satorius discussed his review of the DET report to identify any items for which enforcement actions should be taken. Most such items had been addressed in previous enforcement actions. A future inspection report (or possibly two reports) will assign tracking numbers to DET items which are not considered to be restart issues. Any of these with enforcement potential will be tracked as unresolved items. Items previously dispositioned with enforcement actions will be identified in a manner to facilitate accounting for the disposition of each item.

- System Certification/System Testing Adequacy

The licensee has issued procedures for system readiness reviews and system certification. In general, no augmented testing program is planned. Some extra testing of EDG's may be performed. This topic will be discussed in the public meeting on October 5.

- Agenda for Next Public Meeting

Bill Johnson presented a proposed agenda for the October 5 meeting to be held in Arlington. There was general agreement that the proposed agenda was appropriate. A letter to the licensee will document the agenda.

- The next panel meeting is expected to be held in RIV on October 5. The agenda for the next panel meeting will include:

- Restart Plan
 - Regional Inspection Planning
 - ORAT Planning

- Action Item Summary

- DRS will prepare SPEAKOUT inspection plan.
- Koltay will prepare a draft ORAT inspection plan for discussion on October 5.
- All divisions will coordinate restart issue inspection plans with DRP.
- DRP and NRR will draft response memos to the EDO staff actions memo.
- NRR will determine which documents should be docketed.
- DRP will assist in compiling the documents to be docketed.
- DRS will provide administrative assistance in docketing documents and preparing a Region IV file.
- DRP will prepare one (or two) inspection report(s) to assign tracking numbers to DET items which are not considered to be restart issues.
- DRP will send a letter to the licensee with the October 5 agenda.

STP REVIEW PANEL

MEETING NOTES - SEPTEMBER 27, 1993

ATTENDEES

S. Collins, Director, DRS
A. Jewell, Acting Deputy Director, DRP
*S. Black, Director, Project Directorate IV-2, NRR
W. Johnson, Chief, Project Section A
T. McKernon, Reactor Inspector
T. Westerman, Chief, Engineering Section
*B. Reckley, Project Manager, NRR
D. Powers, Chief, Maintenance Section

* Participated Via Telecon

PANEL SUBJECTS

- SPEAKOUT Program Review

The panel discussed the inspection plan for the NRC review of the SPEAKOUT program. Various headquarters groups will be invited to participate. This will be discussed with the Regional Administrator on September 28.

- Restart Issue Review

The panel reviewed a draft restart issue list which has been prepared as a part of Inspection Report 9331. The following issues were on the list, as amended:

- TDAFW
- SPR Process
- Service Requests
- Postmaintenance Testing
- Engineering Backlogs
- Operations Staffing
- Fire Brigade Leaders
- Fire Protection Computer and Related Hardware Problems
- Management Effectiveness in the Corrective Action Process
- Standby Diesel Generator Issues
- Essential Chiller Issues
- System Certification
- Feedwater Isolation Bypass Valve Issues
- SPEAKOUT Review
- Tornado Damper Issues
- Emergency Preparedness Accountability

The restart issue list will be modified as necessary. The current list will be discussed with the Regional Administrator on September 28.

- Regional Inspection Planning

The panel discussed a draft listing of needed regional inspections and the proposed lead organization for each inspection. Tom Westerman will prepare an inspection plan for standby diesel generator issues. Dale Powers is preparing an inspection plan for the SPEAKOUT review. Les Constable is preparing an inspection plan for fire protection issues. All inspection plans for the restart issue inspections will be coordinated with DRP.

- MC 0350 Checklist Review

The panel reviewed the draft checklist from MC 0350. Bill Johnson will incorporate the panel's comments and prepare a draft restart action plan.

- Action Item Summary

- DRS will discuss the SPEAKOUT inspection plan with the Regional Administrator.
- DRS/DRP will discuss the draft startup issue list with the Regional Administrator.
- All divisions will coordinate restart issue inspection plans with DRP.
- Tom Westerman will prepare an inspection plan for standby diesel generator issues.
- Dale Powers is preparing an inspection plan for the SPEAKOUT review.
- Les Constable is preparing an inspection plan for fire protection issues.
- Bill Johnson will and prepare a draft restart action plan.

STP REVIEW PANEL

MEETING NOTES - OCTOBER 5, 1993

ATTENDEES

S. Collins, Director, DRS
A. Howell, Acting Deputy Director, DRP
S. Black, Director, Project Directorate IV-2, NRR
L. Kokajko, Senior Project Manager, NRR
W. Johnson, Chief, Project Section A
R. Wise, Allegation Coordinator
D. Chamberlain, Acting Director, DRSS
D. Loveless, Senior Resident Inspector
T. McKernon, Reactor Inspector
M. Satorius, Project Engineer
E. Imbro, Chief, Special Inspection Branch, NRR
P. Koltay, Section Chief, Special Inspection Branch, NRR
J. Jacobson, Senior Operations Engineer, Special Inspection Branch, NRR

PANEL SUBJECTS

- Plant Status

David Loveless briefed the panel on the current status of the units.

- Allegation Status

Russ Wise reviewed the status of open allegations for the panel.

- Draft Restart Action Plan

Bill Johnson presented the draft Restart Action Plan and its draft cover memo. Panel members were requested to provide comments/concurrence by noon on 10/8/93.

- Regional Inspection Planning

Bill Johnson discussed the necessary regional inspections to address restart issues. The planned starting date for several of the inspections has been established. DRP will discuss the inspection schedule with the licensee to determine whether the licensee will be ready for inspection by the scheduled dates.

The issue of "Management effectiveness in identifying, pursuing, and correcting plant problems," should be a part of each restart inspection plan.

- ORAT Inspection Planning

Gene Imbro, Peter Koltay, and Jeff Jacobson discussed their draft inspection plan for the ORAT inspection. DRP will discuss the draft inspection plan with DRIL on October 6 to select appropriate dates for

the inspection and to determine which MC 0350 checklist items will be covered in the ORAT inspection.

- Agenda for Next Panel Meeting

The next Panel meeting will be scheduled for 2 p.m. on October 28 in the resident inspector's office at STP. The agenda will include allegation status, restart action plan review, regional inspection planning, ORAT inspection planning and team composition, review of inspection findings, review of the licensee's schedule, and review of panel action items.

- Agenda for Next Public Meeting

The next public meeting will be scheduled for October 29 at 9 a.m. at STP. Proposed agenda items include:

- The licensee's business plan
- Line management self assessments
- Independent assessments
- Results of SDG assessment team
- Results of system certification process to date
- Specific augmented testing plans for systems and components
- Licensee determination of which restart items will be verified for implementation effectiveness
- Status of restart item completion

- Action Item Summary

Items from past meetings:

- DRP and NRR will draft response memos to the EDO staff actions memo.
- NRR will determine which documents should be docketed.
- DRP will assist in compiling the documents to be docketed.
- DRP will prepare one (or two) inspection report(s) to assign tracking numbers to DET items which are not considered to be restart issues.
- Tom Westerman will prepare an inspection plan for standby diesel generator issues.
- Dale Powers is preparing an inspection plan for the SPEAKOUT review.
- Les Constable is preparing an inspection plan for fire protection issues.
- Tom Westerman will prepare an inspection plan for engineering backlog issues.

New Items:

- Panel members will provide restart action plan comments/concurrence by noon on 10/8/93.
- DRP will discuss the inspection schedule with the licensee to determine whether the licensee will be ready for inspection by the scheduled dates.

- DRP and DRS will ensure that the issue of "Management effectiveness in identifying, pursuing, and correcting plant problems," should be a part of each restart inspection plan.
- DRP will issue Inspection Report 93-31 to document DET and other restart issues.
- DRP will discuss the draft inspection plan with DRIL on October 6 to select appropriate dates for the inspection and to determine which MC 0350 checklist items will be covered in the ORAT inspection.
- DRP will prepare a second supplement to the CAL.
- DRP will define the documents to be collected and maintained in the MC 0350 file.
- DRP will contact Region II to set up a conference call to discuss the restart process used for Region II plants.
- DRP will brief the Regional Administrator on the results of the October 5 meetings.
- DRP will draft, for the EDO's signature, a final response to the licensee's response to the Diagnostic Evaluation Report after reviewing the licensee's Business Plan. DRP will coordinate the response with AEOD.
- DRP will identify a preliminary schedule for the completion of Restart Action Plan checklist items that are still open and are not addressed by the ORAT or identified restart inspections.
- Panel members will review the licensee's Business Plan and discuss comments at the October 28 Panel meeting.
- DRS will determine the need for a contractor to participate in the SDG restart inspection.
- The Panel Chairman will provide input to the NRC restart review schedule, re: internal and external briefings.

STP REVIEW PANEL

MEETING NOTES - OCTOBER 14, 1993

ATTENDEES

- # S. Collins, Director, DRS
- # A. Howell, Acting Deputy Director, DRP
- ** S. Black, Director, Project Directorate IV-2, NRR
- # W. Johnson, Chief, Project Section A
- ** D. Loveless, Senior Resident Inspector
- * T. McKernon, Reactor Inspector
- M. Satorius, Project Engineer
- S. Wittenberg, Reactor Engineer Intern, NRR

- # Panel Members
- * Participated Via Telecon

PANEL SUBJECTS

- CAL Supplement 2

The panel discussed whether tornado damper issues should be included in the CAL supplement and in the Restart Action Plan as a startup issue. The tornado damper issues stem from DET concerns. Although not documented in the DET report, the issues were included in the EDO staff actions memo following the DET. The generic aspects of the issue do not have high safety significance and do not need to be resolved prior to restart of STP. We do need to verify that the licensee's testing of the tornado dampers was adequate to provide confidence of operability of the dampers prior to restart. Information gathered during the Region IV inspection will be provided to NRR for consideration during the longer term review of the generic issues involving the need for periodic damper testing and whether technical specification damper motion testing requirements should be established.
- Regional Inspection Planning

Review of tornado damper testing will be scheduled for 11/01/93.
- Manual Chapter 0350

DRP reviewed the 09/30/93 revision of MC 0350, "Staff Guidelines for Restart Approval," against the previous version and the draft Restart Action Plan. The revision incorporates requirements for tracking and documenting the resolution of restart issues and made minor editorial changes. The draft Restart Action Plan conforms to the revised guidance.
- Draft Restart Action Plan

Comments on the draft were briefly discussed prior to concurrence. NRR concurrence is expected on 10/15/93.

STP REVIEW PANEL

MEETING NOTES - OCTOBER 28, 1993

ATTENDEES

#*S. Collins, Director, DRS
#A. Howell, Acting Deputy Director, DRP
#S. Black, Director, Project Directorate IV-2, NRR
#*L. Kokajko, Senior Project Manager, NRR
C. Thomas, Acting Deputy Director, DRS
#W. Johnson, Chief, Project Section A
*R. Wise, Allegation Coordinator
#D. Loveless, Senior Resident Inspector
T. McKernon, Reactor Inspector
*M. Satorius, Project Engineer
*T. Gwynn, Acting Director, DRP
J. Milhoan, Regional Administrator
D. Garcia, Resident Inspector
E. Imbro, Chief, Special Inspection Branch, NRR
P. Koltay, Section Chief, Special Inspection Branch, NRR
J. Jacobson, Senior Operations Engineer, Special Inspection Branch, NRR

Panel Members

* Participated by telecon

PANEL SUBJECTS

- Allegation Status

R. Wise reviewed the status of open allegations for the panel.

- STP Business Plan Comments

The STP Business Plan was submitted on October 15, 1993. DRP will prepare a reply for the EDO. Panel members should provide any comments to DRP by November 10, 1993. Art Howell will contact AEOD for input.

- Docket Files

Mark Satorius will provide copies of documents for submittal to the docket file to Lawrence Kokajko during the week of November 8, 1993.

- Restart Action Plan Review

The Restart Action Plan was approved and issued on October 25, 1993. DRP will maintain the master copy and keep it updated. Related items which are closed with respect to a particular restart item will be lined through and information will be added to refer to the appropriate inspection report. Related items will be discussed in the inspection report and, if appropriate, the item will be closed with respect to a particular restart issue. When the item is closed with respect to all applicable restart issues, the related item will be closed in a current report by referencing the previous reports. When the responsible

organization is prepared to close a restart issue, the panel will review the issue in a panel meeting.

- Regional Inspection Planning

Bill Johnson discussed the necessary regional inspections to address restart issues. A copy of the updated inspection schedule is attached to these meeting notes.

- ORAT Inspection Planning

Gene Imbro, Peter Koltay, and Jeff Jacobson discussed the schedule for the ORAT inspection. A team of about 5 inspectors will be on site during the week of December 6, 1993. The second segment of the inspection is planned for January 3 - 14, 1994, with a team of 8 - 9 inspectors. Team composition has not yet been determined.

- Review of Inspection Findings

Fire Brigade Leader - Pending review of inspection findings and issuance of the inspection report, DRS stated that this issue is ready for closure.

Fire Protection Computer and Hardware - Most service requests for repair of hardware deficiencies remain to be performed. DRS will follow up to verify backlog reduction. Significant improvements have been made in the user interface with the fire protection computer and in reducing the number of spurious alarms.

Auxiliary Feedwater - Pending review of inspection findings and issuance of the inspection report, DRP stated that this issue is ready for closure except for verification of successful AFW testing to be performed in Mode 3.

Post Maintenance Testing - The program has been restructured. There appears to be some confusion by workers on the new program. Some administrative issues remain. Fuse control and valve alignment issues remain. The inspection will be continued.

Current Resident Inspector Issues - Equipment clearance errors and fuse control errors were discussed.

- Next Panel Meeting

The next Panel meeting will be scheduled for 8:30 a.m. on November 17, 1993, in the DRP conference room in Region IV. The agenda will include allegation status, restart action plan review, regional inspection planning, ORAT inspection planning, review of inspection findings, review of the licensee's schedule, and review of panel action items.

- Action Item Summary

Items from past meetings:

- (Closed) DRP and NRR will draft response memos to the EDO staff actions memo. The memoranda are in concurrence.
- NRR will determine which documents should be docketed. NRR will forward the Restart Action Plan, Restart Panel Meeting Agenda, and Restart Panel Meeting Notes to the Public Document Room.
- DRP will assist in compiling the documents to be docketed. Mark Satorius will provide documents to L. Kokajko during the week of November 8, 1993.
- DRP will prepare one (or two) inspection report(s) to assign tracking numbers to DET items which are not considered to be restart issues. Report 9331 has been issued. Report 9332 will list DET findings which are not restart issues. It is under preparation.
- (Closed) Tom Westerman will prepare an inspection plan for standby diesel generator issues. This inspection is scheduled for 11/08/93. A second segment will most likely be necessary. A technical expert is being sought to support the inspection.
- Dale Powers is preparing an inspection plan for the SPEAKOUT review. This inspection is being scheduled for 11/29/93.
- (Closed) Les Constable is preparing an inspection plan for fire protection issues. Inspection was conducted during the week of October 18, 1993. The report number is 9337.
- (Closed) Tom Westerman will prepare an inspection plan for engineering backlog issues. This inspection is scheduled for November 15, 1993.
- Art Howell will contact Region II to set up a conference call to discuss the restart process used for Region II plants.
- DRP will draft, for the EDO's signature, a final response to the licensee's response to the Diagnostic Evaluation Report after reviewing the licensee's Business Plan. DRP will coordinate the response with AEOD.
- The Panel Chairman will provide input to the NRC restart review schedule, re: internal and external briefings.

New Items:

- Panel members should provide any comments on the STP Business Plan to DRP by 11/10/93. Art Howell will determine whether AEOD has comments.
- Mark Satorius will provide copies of documents for the docket files to Lawrence Kokajko during the week of 11/08.
- DRP will maintain the master copy of the Restart Action Plan, keep it updated, and propose periodic publishing dates.
- Determine whether restart public meeting should be transcribed - Panel.
- Determine the need for a working level status meeting - Panel Chairman
- Review Mode 6 assessment results - DRP
- Obtain a list of STP hardware items which will not be worked prior to unit startup - DRP
- Review the outstanding hardware items which will not be worked prior to restart - DRP/DRS
- Perform an internal audit of the RIV Restart File - Panel

- Obtain all line management assessment checklists - DRP
- Ensure that Allegation RIV-93-A-0111 is in the Operations Staffing inspection plan - DRS
- Ensure that Allegation RIV-93-A-0054 is in the inspection plan for the security inspection scheduled for November 15, 1993. - DRSS
- Ensure that Allegation RIV-93-A-0116 is in the inspection plan for the SPEAKOUT inspection - DRS
- Review Allegation RIV-93-A-0072 - DRP

DATE	ISSUE	SUBJECT	INSPECTORS	REPORT	COMMENTS
10/12/93	2, 9	SPRS	TOM	9333	
ONGOING	13, 9	SYSTEM CERT	DPL	SRI	ALLEGATION 93-A-72
10/18/93	1, 9	TDAFW	MAS	9338	
10/18/93	7, 9	F.B. LEADER	JEW, MEM	9337	
10/18/93	8, 9	F.P. HARDWARE	JEW, MEM	9337	
10/25/93	4, 9	POSTMAINT TEST	TOM, LEE	9339	
11/02/93		SELF ASSESSMENT	HKB	9343	
	12, 9	ESSENTIAL CHLR	MAS, DMG		
11/01/93	15, 9	TORNADO DAMPERS	MAS, DMG	9342	
11/01/93	6, 9	OPS STAFFING	JLP, JMK	9340	
11/08/93	11, 9	EDG ISSUES	PAG, VGG	9344	
11/15/93		SECURITY	TWD		ALLEGATION 93-A-54
11/15/93		FH MACHINE	VGG		
11/15/93	5, 9	ENG BACKLOGS	PAG, DMG		
11/15/93	16, 9	EP ACCOUNTABILITY	DBS		
11/15/93	14, 9	MFIV BYPASS VLV	LEE	9335	
11/29/93	3, 9	SR BACKLOGS	MAS, LDG		
11/29/93	4, 9	POST MAINT TEST	TOM, RBV		
11/29/93	6, 9	OPS STAFFING	JLP, JMK	9341	ALLEGATION 93-A-111
11/29/93	10, 9	SPEAKOUT	D.P		ALLEGATION 93-A-116
12/06/93		ORAT	JBJ		
12/13/93	2, 9	SPRS	TOM, DPL		
12/13/93	11, 9	EDG ISSUES	PAG	9344	
01/03/93		ORAT	JBJ		

November 22, 1993

MEMORANDUM FOR: Distribution
FROM: Samuel J. Collins, South Texas Project (STP)
Oversight Panel Chairman
SUBJECT: STP OVERSIGHT PANEL MEETING NOTES

Attached are the Meeting Notes for the STP Oversight Panel Meeting conducted on November 17, 1993, in the DRP conference room.

Original Signed By:

/s/

Samuel J. Collins, Director
Division of Reactor Safety

cc (E-Mail also):
J. Milhoan
J. Montgomery
A. Howell
D. Chamberlain
W. Johnson
D. Loveless
S. Black
L. Kokajko
B. Beach
C. Hackney
J. Gilliland
G. Sanborn
R. Wise
E. Imbro
P. Koltay
T. McKernon
M. Satorius

RIV:C:DRP/A
WDJohnson
11/ /93

DD:DRP
ATHowell
11/ /93

D:DRS
SCCollins
11/ /93

STP REVIEW PANEL

MEETING NOTES - NOVEMBER 17, 1993

ATTENDEES

#S. Collins, Director, DRS
#A. Howell, Deputy Director, DRS
#S. Black, Director, Project Directorate IV-2, NRR
#*W. Johnson, Chief, Project Section A
R. Wise, Allegation Coordinator
T. McKernon, Reactor Inspector
L. Constable, Chief, Plant Support Section
C. Hackney, State Liaison Officer
M. Satorius, Project Engineer
*J. Jacobson, Senior Operations Engineer, Special Inspection Branch, NRR

Panel Members

* Participated by telecon

PANEL SUBJECTS

- Plant Status

Bill Johnson gave plant status. Highlights included the licensee making final preparations for the core reload that was anticipated to start later in the day. If the present schedule holds, Unit 1 would be in Mode 5 during the week the ORAT is onsite. The licensee appears to be meeting their revised schedule which was published approximately three week earlier.

The Residents will continue to follow a fuse issue that was identified in the last routine resident inspector report. The licensee presently has inspected 400 fuses in the C train of Unit 1; discovering several minor problems, but none that were considered sufficient to render safety-related equipment inoperable. The licensee will conduct similar inspections of the other two trains during upcoming outages. All 62 systems that are included in the formal system certification program will be inspected.

A potential issue regarding the licensee's receptiveness to identifying and correcting problems was recently identified by the NRC during a station problem report (SPR) review. This issue will be pursued by the inspector.

- Allegation Status

Russ Wise reviewed the status of open allegations for the panel. Following this briefing, the Panel decided that the Panel Chairman, with selected Panel members, should brief the Regional Administrator on the status of allegations at STP, and any potential restart issues stemming from those allegations.

- Review Restart Action Plan

The Review Restart Action Plan is ready for its first revision. All Panel members are to contact Bill Johnson with proposed updates/revisions by November 23, 1993. Bill will prepare Revision 1; the Panel will then review it at the next Panel meeting onsite December 2, 1993, and update the status with the licensee.

- Regional Inspection Planning

Bill Johnson discussed the status of the necessary regional inspections to address restart issues. A copy of the updated inspection schedule is attached to these meeting notes. Remaining to be planned is the chiller inspection. A key portion of this inspection is the technical review of the design engineering calculations by NRR. Susie Black will check on the status of the review.

The Panel discussed the possibility of scheduling a meeting with the licensee at some future date (mid-December) concerning the degree that the licensee intends to implement the recommended actions that are contained in the independent EDG assessment.

An additional item was discussed concerning closure of a number of DRSS allegations that was originally intended to be addressed during an inspection scheduled for the week of November 15, 1993; however, due to Tom Dexter's illness, the inspection was postponed, with no new schedule established. Resolution of these issues will have to be coordinated with DRSS, possibly during the next Panel Meeting.

Bill Johnson will discuss the status of related item closure during the next Panel meeting.

- ORAT Inspection Planning

Jeff Jacobson discussed the schedule for the ORAT inspection. A team of about 8 inspectors will be on site during the week of December 6, 1993, to look at PMT, maintenance in progress, ORP, Business Plan, System Certification Process, performance monitoring, and root cause analysis. There is no exit meeting planned for the end of the first week, but the Team Leader will provide a status to licensee management.

The second segment of the inspection is planned for January 5 - 14, 1994. Team composition has not been completely determined.

Some ORAT strategy and expectations were discussed. Following the completion of the ORAT, the Team Leader will address appropriate Restart Action Plan Checklist items via memo to the Panel, in order to support Panel restart considerations.

- Review of Inspection Findings

Howard Bundy, who is reviewing the quality of the licensee's oversight functions (not a specific Restart Issues, but addressed in the CALs), has determined that several of the licensee's programs appear to be

significantly behind the implementation schedule. Staffing levels and quality assessments by ISEG do not appear to be at the level of other Region IV licensees.

Current Resident Inspector Issues - Equipment clearance errors and fuse control problems were discussed and will be continued to be tracked by the residents.

The first several Restart Issue Inspection reports are expected to be signed out this week.

- Review Licensee's Schedule

Fuel load November 17 - 22, 1993

Mode 5 through December

Mode 4 January 10, 1994

Proposed Public meeting with the licensee January 21, 1993

Mode 2 January 24, 1994

Mode 1 January 31, 1994

- Review Status of Panel Action Items

Items from past meetings:

- (Closed) DRP prepared the reply for the EDO's signature concerning the NRC response to STP's Business Plan.

The Panel will determine which documents should be docketed. NRR will forward the Restart Panel Meeting Notes to the Public Document Room.

Region IV will docket the Restart Action Plan. In addition the Meeting Agendas were determined not to be required to go the Public Document Room, only the Meeting Notes, following a review for predecisional information. The Notes through the October 14, 1993, meeting have been forwarded to the Project Manager for docketing.

DRP will assist in compiling the documents to be docketed.

- DRP will now prepare four inspection reports to assign tracking numbers to DET items which are not considered to be restart issues. Report 9331 has been issued. Report 9332 was cancelled and 9348 through 9351, one for each DET functional inspection area, will list DET findings which are not restart issues. They are under preparation.
- Dale Powers is preparing an inspection plan for the SPEAKOUT review. This inspection is scheduled for 11/29/93.
- (Closed) Panel members should provide any comments on the STP Business Plan to DRP by 11/10/93. Art Howell will determine whether AEOD has comments.

- Sam Collins will contact Region II to set up a conference call to discuss the restart process used for Region II plants.
- (Closed) Determine the need for a working level status meeting - To be conducted with the licensee following the Panel Meeting and after Rev 1 of the Restart Action Plan has been completed - Bill Johnson to get details
- (Closed) Ensure that Allegation RIV-93-A-0111 is in the Operations Staffing inspection plan - DRS
- (Closed) Review Allegation RIV-93-A-0072; completed by the SRI with a memo due to the AC - DRP
- The Panel Chairman will continue to provide input to the NRC restart review schedule, re: internal and external briefings.
- (Closed) Obtain all line management assessment checklists - DRP

New Items:

- Issue Rev. 1 of the Restart Action Plan prior to the December 2, 1993, public meeting. - DRP
- Determine when DRSS will followup on RIV-93-A-0108. - DRSS
- (Ongoing) DRP will maintain the master copy of the Restart Action Plan, keep it updated, and propose periodic publishing dates.
- Brief the Regional Administrator on current status of allegations. - Panel
- Determine the review status of the essential chiller calculations. - NRR
- Determine whether restart public meeting should be transcribed - Panel.
- Determine the method of assessing licensee's assessment initiatives. - Panel
- Review Mode 6 assessment results - DRP
- Obtain a copy of the ORAT inspection plan. - DRP
- Obtain a list of STP hardware items which will not be worked prior to unit startup; requested from the licensee and Panel still pending receipt - DRP
- Provide copies of Restart Issue Inspection reports, including drafts to the ORAT team leader prior to the ORAT being onsite for the first week. - DRP

- Review the outstanding hardware items which will not be worked prior to restart - DRP/DRS
- Perform an internal audit of the RIV Restart File following file completion, probably in December 1993 - Panel
- Ensure that Allegation RIV-93-A-0054 is in the inspection plan for the security inspection originally scheduled for November 15, 1993 and postponed due to inspector illness - DRSS
- Determine postponed schedule of NRR review relative to Allegation RIV-93-A-0041. - NRR
- Ensure that Allegation RIV-93-A-0116 is in the inspection plan for the SPEAKOUT inspection - DRS

- Next Panel Meeting

The next Panel meeting (at the site) will be scheduled for 1:00 p.m. on December 2, 1993, following a public meeting with the licensee at 9:00 a.m. The agenda will include allegation status, MC 0350 CSC items not covered by Restart Issue inspections but requiring inspection followup, restart action plan review, regional inspection planning, ORAT inspection planning, review of inspection findings, review of the licensee's schedule, discussions on the appropriate timing for the submittal of Panel Meeting Notes to the docket, and review of panel action items.

DATE	ISSUE	SUBJECT	INSPECTORS	REPORT	COMMENTS
ONGOING	13, 9	SYSTEM CERT	DPL	9336&45	ALLEGATION 93-A-72
10/12/93	2, 9	SPRs	TOM	9333	REPORT IN CONCURRENCE CHAIN
10/18/93	1, 9	TDAFW	MAS	9338	REPORT IN CONCURRENCE CHAIN
10/18/93	7, 9	F.B. LEADER	JEW, MEM	9337	REPORT IN CONCURRENCE CHAIN
10/18/93	8, 9	F.P. HARDWARE	JEW, MEM	9337	REPORT IN CONCURRENCE CHAIN
10/25/93	4, 9	POSTMAINT TEST	TOM, LEE	9339	
11/02/93		SELF ASSESSMENT	HKB	9343	CONTINUED 11/15/93
TBD	12, 9	ESSENTIAL CHLR	MAS, DMG		
11/01/93	15, 9	TORNADO DAMPERS	MAS, DMG	9342	REPORT IN CONCURRENCE CHAIN
11/01/93	6, 9	OPS STAFFING	JLP, JMK	9340	CONTINUED 11/29/93
11/08/93	11, 9	EDG ISSUES	PAG, VGG	9344	CONTINUED 12/13/93
11/15/93		SELF ASSESSMENT	HKB	9343	
TBD		SECURITY	TWD		ALLEGATION 93-A-54
11/15/93		FH MACHINE	VGG	9335	
11/15/93	5, 9	ENG BACKLOGS	PAG, DMG	SRI	
11/15/93	16, 9	EP ACCOUNTABILITY	DBS	9347	
11/15/93	14, 9	MFIV BYPASS VLV	LEE, LDG	9335	
11/29/93	3, 9	SR BACKLOGS	MAS, LDG, GW		
11/29/93	4, 9	POST MAINT TEST	TOM, RBV	9346	
11/29/93	6, 9	OPS STAFFING	JLP, JMK	9341	ALLEGATION 93-A-111
11/29/93	10, 9	SPEAKOUT	DAP		ALLEGATION 93-A-116
12/06/93		ORAT	JBJ		
12/13/93	2, 9	SPRs	TOM, DPL		
12/13/93	11, 9	EDG ISSUES	PAG	9344	
01/05/93		ORAT	JBJ		

BAKER & BOTTS

L.L.P.

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NEW YORK
WASHINGTON, D.C.

H-3991

FREEDOM OF INFORMATION
ACT REQUEST

May 9, 1995

FOIA-95-219
Rec'd 5-10-95

Director, Division of Freedom of Information
and Publications Services
Office of Administration
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

By Federal Express

Re: Subpoena/Freedom of Information Act Request regarding the South
Texas Project, Docket Nos. 50-498 & 50-499

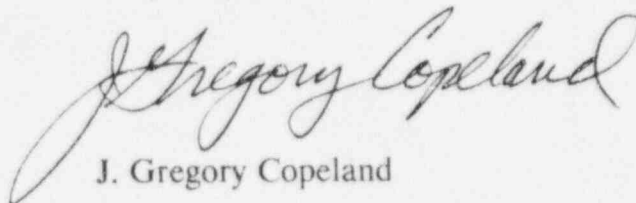
Dear Sir or Madam:

This is a Freedom of Information Act request pursuant to 5 U.S.C. § 552(a)(3) and 10 CFR § 9.23. This request asks that you make available to the undersigned the documents responsive to the attached Subpoena Duces Tecum. The deposition of Mr. Charles W. Hehl, an NRC employee, was originally scheduled for April 19, 1995, and will probably be rescheduled for some date in June. The documents need to be available in advance of that date. Of course, I agree to bear the cost of this request as per 10 C.F.R. §§ 9.25(4), 9.33, 9.35, 9.39 & 9.40. Please contact the undersigned (713-229-1867) at your convenience if you have any questions about this request. Please direct your response pursuant to 10 CFR § 9.27 to the undersigned at the following address:

J. Gregory Copeland
Baker & Botts, L.L.P.
3000 One Shell Plaza
910 Louisiana
Houston, Texas 77002-4995

Thank you for your time and attention to this matter.

Very truly yours,



J. Gregory Copeland

Encl.

cc: Mr. Charles Mullins

SUBPOENA DUCES TECUM

Directions and Instructions

1. The term "NRC" means the United States Nuclear Regulatory Commission, all offices and/or branches thereof specifically including but not limited to Region IV office in Arlington, Texas, and also includes all employees, consultants, agents, and representatives to the maximum extent permitted by 10 C.F.R. § 9.300, unless otherwise indicated by the request.

2. The term "DET" means the Diagnostic Evaluation Team that performed an investigation at STP in 1993, including all members and/or supervisors thereof.

3. The term "Watch List" means the NRC's Problem Plant List, List of Problem Plants, or similar designation for the list of plants receiving heightened NRC scrutiny, such as was the case for STP between June 1993 and February 1995.

4. The term "Austin" refers to plaintiff, The City of Austin, and to any other name under which Austin has conducted its business, the Austin City Council, the Mayor of Austin, all city departments, and to any person or entity acting on Austin's behalf, including but not limited to all employees, agents, elected or non-elected representatives,

5. The term "Austin City Council" refers to the collective governing body, as well as individual council members and all members of their individual or collective staffs.

6. The term "Mayor of Austin" refers to any person holding this office and all members of his or her staff.

7. The term "HL&P" refers to defendant Houston Lighting & Power Company.

8. The term "San Antonio" refers to the City of San Antonio and the City Public Service Board.

9. The term "CP&L" refers to Central Power and Light Company.

10. The term "STP" refers to the two-unit, nuclear-powered electric generation plant in Matagorda County, Texas, owned by HL&P, Austin, San Antonio, and CP&L.

11. The term "Agreement" refers to the Participation Agreement, executed as of July 1, 1973, and all written amendments thereto.

12. The term "Management Committee" means the committee created by the Agreement.

13. The term "documents" includes, but is not limited to, any complete original or a true, correct and complete copy, and any non-identical copy (whether different from the original by reason of notations or otherwise), of all matters and things within the possession, custody, or control of the NRC (within the meaning of Tex. R. Civ. P. 166b(2)(b)), examples of which include, but are not limited to, all writings, transcripts of conversations, written or recorded statements, bills, invoices, drafts, receipts, memoranda, correspondence, minutes, notes, contracts, notebooks, ledgers, photographs, recording (including without limitation audio and video tapes), electronic data, microfilm, and microfiche. The request for production of non-identical copies, in addition to production of an original or a true, correct, and complete copy, does not require NRC to search for and

produce every copy of a responsive document, but rather requires only that NRC produce every non-identical copy found in the course of a reasonable search for responsive documents.

14. The term "electronic data" means writings of every kind and description, in forms other than ordinary paper records, whether inscribed by mechanical, facsimile, electronic, magnetic, digital, video, or other means. Such writings may include, but are not limited to, computer programs (whether private, commercial, or work-in-progress); programming notes or instructions; electronic mail messages, receipts, and/or transmittals; data files; output resulting from the use of any software program, including word processing documents, computer printouts, spreadsheets, data sheets, data base files, charts, graphs, and outlines; source code of all types; programming languages; linkages and compilers; peripheral drivers; any and all ASCII files; and any and all miscellaneous files and/or file fragments, regardless of the media on which they reside and regardless of whether said electronic data consists in an active file, deleted file, or file fragment. Electronic data includes any and all items stored on computer memories, hard disks, floppy disks, CD-ROM drives, Bernoulli Box drives, optical storage devices, and their equivalent; magnetic tape of all types; data processing cards; punched cards; punched tape; computer chips (including but not limited to EPROM, PROM, RAM, and ROM, to the extent that such chips are used for purposes other than computer systems functions at levels involving machine language or operating systems); facsimile transmission machines; or on or in any other vehicle for digital data storage and/or transmittal. The term "electronic data" also includes the file, folder tabs, and/or containers and labels appended to, or associated with, any physical storage

device associated with any of the other items and materials identified in this paragraph. Unless otherwise noted in a particular interrogatory, if a document is produced in hard-page format, that document does not need to be produced in electronic data format. However, documents are requested to be produced in electronic data format when the documents constitute a database, spreadsheet, information or records management, financial accounting or analysis, and/or other similar electronic data files and programs that are available for use in the ordinary course of business and which can be produced in electronic format without undue burden or expense. If such documents in electronic data format are produced, all programming and other information necessary to read and/or view the documents is also to be produced. Notwithstanding the foregoing, all requests for production call for production of any document that exists in electronic data format if that document does not list in a hard-page format.

15. The term "person" when used herein includes any natural person, as well as any entity such as a corporation, partnership, proprietorship, or business association.

16. The term "communications" includes all verbal, written, or electronic transmissions and/or exchanges of information.

17. Documents "concern" or are "concerning" the matters at issue in a request for production when they contain any matters, facts, or events that discuss, describe, depict, consider, refer to, relate to, or are in any way connected to or with, the matters at issue in the request for production, and shall be interpreted as broadly as possible to promote the full disclosure of information.

18. The term "INPO" means Institute for Nuclear Power Operations.

19. If any document is withheld, please prepare a privilege log as to which a claim of privilege or statutory or other authority is made as a ground for non-production.

"Prepare a privilege log" means to provide the following information:

- (a) date;
- (b) title;
- (c) author and addressee of any other recipient;
- (d) type of document (e.g., memorandum, report, chart, etc.);
- (e) subject matter (without revealing the information as to which privilege or statutory authority is claimed);
- (f) factual and legal basis for the privilege claimed or the specific statutory or other authority that provides the claimed ground for non-production;
- (g) the place, including the name and the entity or office, in which the document is located.

Documents Requested

1. All documents concerning the NRC's Diagnostic Evaluation Team's investigation of STP, especially including but not limited to:
 - a. Austin's and San Antonio's contention that the DET demonstrates that HL&P allegedly operated STP in an unsafe manner;
 - b. Austin's and San Antonio's contention in that the DET demonstrates that HL&P allegedly was negligent in the operation of STP;
 - c. Austin's and San Antonio's contention that the DET demonstrates that HL&P allegedly failed to operate STP with reasonable skill and care;

- d. Austin's and San Antonio's contention that the DET demonstrates that HL&P allegedly violated the Atomic Energy Act;
- e. Austin's and San Antonio's contention that the DET demonstrates that HL&P allegedly breached the Operating License;
- f. Austin's and San Antonio's contention that the DET demonstrates that HL&P allegedly violated the Technical Specifications for operation of STP;
- g. Austin's and San Antonio's contention that the DET demonstrates that HL&P allegedly breached its contractual obligations to STP's co-owners.
- h. the reasons why the NRC decided to do a DET,
- i. the manner in which the DET report was prepared
- j. communications with HL&P employees during the DEI investigation;
- k. communications with others during the DET investigation;
- l. interim reports given to HL&P concerning the progress or outcome of the DET investigation;
- m. variances, differences or changes between interim reports and the final DET report;
- n. internal NRC discussions about interim drafts of the DET report;
- o. internal NRC discussions about the final DET report;
- p. internal NRC discussions about variances, differences or changes between interim reports and the final DET report;
- q. the basis for each of the findings in the DET report;
- r. Region IV's view of the necessity of a DET for STP;
- s. internal Region IV communications with NRC about STP during the period 1988 to 1995;
- t. Region IV's knowledge of issues raised in the DET report;
- u. Region IV's knowledge of HL&P's plans to address issues raised in the DET;

- v. Region IV's acquiescence in HL&P's plans to address issues raised in the DEI report before the DET inspection or report;
 - w. communications with the DET concerning Region IV's acquiescence in HL&P's plans to address issues raised in the DET report;
 - x. whether Region IV expressed any of the views in the DET report to HL&P;
 - y. communications between NRC and Region IV concerning consistencies or inconsistencies between the DET and prior Inspection Reports;
 - z. internal Region IV discussions concerning the findings and conclusions expressed in the DET Report;
 - aa. to the extent not covered by a previous request, all other documents regarding the DET Report concerning STP.
2. All documents concerning the NRC's placement of STP on the Watch List, especially including but not limited to:
- a. Austin's and San Antonio's contention that placement on the Watch List demonstrates that HL&P allegedly operated STP in an unsafe manner;
 - b. Austin's and San Antonio's contention that placement on the Watch List demonstrates that HL&P allegedly was negligent in the operation of STP;
 - c. Austin's and San Antonio's contention that the DET demonstrates that HL&P allegedly failed to operate STP with reasonable skill and care;
 - d. Austin's and San Antonio's contention that the DET demonstrates that HL&P allegedly violated the Atomic Energy Act;
 - e. Austin's and San Antonio's contention that the DET demonstrates that HL&P allegedly breached the Operating License;
 - f. Austin's and San Antonio's contention that the DET demonstrates that HL&P allegedly violated the Technical Specifications for operation of STP;
 - g. Austin's and San Antonio's contention that the DET demonstrates that HL&P allegedly breached its contractual obligations to STP's co-owners;
 - h. the reason(s) why the NRC placed STP on the Watch List;

- i. the manner and process by which the decision to place STP on the Watch List was made;
 - j. communications with HL&P or its employees about placing STP on the Watch List;
 - k. communications with others about placing STP on the Watch List;
 - l. communications with Region IV concerning placing STP on the Watch List;
 - m. internal communications concerning placing STP on the Watch List;
 - n. internal Region IV communications concerning placing STP on the Watch List;
 - o. the effect on operation and maintenance costs of placing STP on the Watch List;
 - p. the effect on operation and maintenance costs of placing any nuclear plant on the Watch List;
 - q. to the extent not already covered by a previous request, all other documents regarding STP's placement on the Watch List.
3. All documents concerning the NRC's confirmatory Action Letters of February 5, 1993; May 7, 1993; and October 15, 1993; including but not limited to:
- a. communications with HL&P concerning the Confirmatory Action Letters;
 - b. communications with others concerning the Confirmatory Action Letters;
 - c. internal NRC discussions concerning the Confirmatory Action Letters;
 - d. non-final drafts of the Confirmatory Action Letters;
 - e. discussions with Region IV concerning non-final drafts of the Confirmatory Action Letters;
 - f. discussions with Region IV concerning the final drafts of the Confirmatory Action Letters;
 - g. Region IV's knowledge of the issues raised in NRC's Confirmatory Action Letters;

- h. Region IV's knowledge of HL&P's plans to address issues raised in the NRC's Confirmatory Action Letters.
4. All documents concerning, reflecting or evidencing an NRC position on lawsuits between nuclear plant co-owners concerning plant operations or construction;
 5. All documents concerning, reflecting or evidencing an NRC position on the obligations of non-operating co-owners of nuclear plants under the AEA, etc.;
 6. All documents concerning, reflecting or evidencing an NRC position on performance standards for nuclear plants, including but not limited to STP;
 7. All documents concerning communications with the City of Austin;
 8. All documents concerning communications with the City of San Antonio;
 9. All documents concerning communications with CP&L;
 10. All documents concerning communications with Susman Godfrey, L.L.P.;
 11. All documents concerning communications with Egan & Associates;
 12. All documents concerning communications with Miller, Canfield, Paddock and Stone;
 13. All documents concerning communications with Matthews & Branscomb;
 14. All documents concerning communications with current or former STP employees;
 15. To the extent not covered by a previous request, all documents concerning HL&P's management and operation of STP, excluding correspondence or other documents stored in the NRC's public document room pursuant to the Atomic Energy Act and/or NRC regulation.