

MARTIN



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION IV  
PARKWAY CENTRAL PLAZA BUILDING  
611 RYAN PLAZA DRIVE, SUITE 1000  
ARLINGTON, TEXAS 76011

AUG 23 1984

WOLF CREEK TASK FORCE  
WEEKLY REPORT NUMBER 4

(Report Period 8/17-23/84)

NOTE: The purpose of this report is to communicate activities, plans, progress, problems, etc., to NRC management and Task Force participants. The weekly report will not provide draft information, incomplete inspection results, potential violations, etc.; it will summarize/digest such completed and issued actions.

1. Plant Status

As of Wednesday, August 22, 1984, hot functional testing has been ongoing for approximately 11 days. The plant is at 450F and 800 psi on the primary side with a bubble in the pressurizer with four reactor coolant pumps running with steam generator level at 50% and steam pressure at 400 psi.

2. Construction Inspection

Region III is scheduling one inspector (W. J. Key) to be onsite the week of September 10, 1984 to begin the HVAC inspection.

The Region IV task force construction team concluded a one week inspection effort on August 17, 1984. The accomplishments in each of the areas are:

a. Allegation Followup

The following cases are considered closed:

4-84-A-14  
4-84-A-63  
4-83-A-70

b. Preservice Inspection Program and Records - 100%, modules will be closed.

c. Inspection of Instrumentation and Control Components - 100%, modules will be closed.

- d. Installation of Mechanical Components - 100%, modules will be closed.
- e. Containment Penetrations - 100%, modules will be closed.

3. Preoperational and Startup Testing Inspection

a. Region III Inspection Activities

On August 15 and 16, 1984, Messrs. L. A. Reyes and M. J. Farber conducted a 2-day familiarization visit. The following items were accomplished:

- toured plant, met with hot functional test personnel and discussed notable problems with previous SNUPPS HFT;
- met with KG&E licensing personnel for discussions on site access, document availability, test scheduling, and licensee staffing;
- met with KG&E startup personnel for discussions on system responsibilities, test scheduling, administrative procedures, response coordination, and procedure availability.

Completed review of procedure and results package SU5-NG01, 480VAC Class 1E Energization. Modules 70341 and 70541 are 5% complete.

Of the 11 procedures assigned to Region III, one review has been completed (SU5-NG01) and review has been initiated on procedures SU3-NB01, 4160 V Class 1E; and SU3-NF01, Load Shedding and Load Sequencer Integrated Control Logic Test. The licensee has yet to approve SU3-SB01, Reactor Protection System Test.

Region III has scheduled two inspectors (R. A. Westberg and M. M. Moser) to be at the site the week of August 27, 1984, to begin the QA for operations module inspections. Mr. F. C. Hawkins, Chief, Quality Assurance Programs Section, will accompany the inspectors for familiarization purposes.

b. Region IV Inspection Activities

Mr. Bruce Bartlett reported to the site for duty as the second resident inspector (operations).

Region IV has five inspectors onsite this week, including the two resident inspectors, observing the hot functional testing with the following procedures being reviewed and test witnessed:

STS-BB011 - Plant Surveillance  
SU3-BB16 - RTD/TC Cross-Calibration  
SU8-007.1 - Plant Performance  
SU8-0011 - Core Subcooling Monitor Data  
SU9-0024, Step 7.10.9 - Excove Neutron Monitoring Background Noise Measurements  
SU3-0004 - ECCS Thermal Expansion Measurements  
SU3-BB06, Step 7.10.2 - RCS Thermal Expansion Measurements  
And all steps in the HFT for the 350F through the 450F plateaus.

There is an EG&G consultant onsite as of August 20, 1984 for approximately 9 manweeks of technical support for NUREG-0737 followup and ongoing testing activities.

4. General Assessment

Inspection activities are proceeding as planned and scheduled. KG&E forecasts a fuel load date of November 1, 1984. HFT is in progress and KG&E estimates that the slippage in the HFT schedule has impacted FLD by one week at the most.



R. P. Denise, Director  
Wolf Creek Task Force

Distribution:

R. C. DeYoung, IE  
J. T. Collins, RIV  
P. S. Check, RIV  
J. G. Keppler, RIII  
R. L. Spessard, RIII  
K. Kniel, NRR  
P. W. O'Connor, NRR  
T. Rehm, EDO  
R. D. Walker, RIII  
L. Reyes, RIII  
R. P. Denise, RIV  
L. E. Martin, RIV  
R. Smith, RIV  
R. G. Taylor, RIV  
H. F. Bundy, RRI/RIV  
R. E. Hall, RIV

PREOP STATUS REPORT  
8/16/84

NRC (2)  
McLaurin  
Glover  
Gardner  
Flannigan -  
OPS/KCPL  
Curle - TS  
Sweeney-TS

Yesterday no (0) preop started  
Yesterday no (0) preops completed.

Twenty-nine (29) preops are in progress:

ACTIVE

- SU4 AC01 - INITIAL TURBINE ROLL  
Section 6
- SU3 BB05 - REACTOR COOLANT SYSTEM HOT PREOP  
Section 7
- SU3 BB06 - THERMAL EXPANSION TEST  
Section 7
- SU3 BB14 - REACTOR COOLANT LOOP VIBRATION SURVEILLANCE  
Section 6
- SU3 EF01 - ESSENTIAL SERVICE WATER SYSTEM PREOP  
Section 7.
- SU8 GP01 - LLRT  
Intermittent
- SU4 KC01B - FIRE PROTECTION POWER BLOCK WET PIPING PREOP  
Section 7
- SU4 KC03 - FIRE PROTECTION SYSTEM DETECTION & ALARMS  
Section 7
- SU3 KE05 - REFUELING MACHINE CHANGE FIXTURE  
Section 7.
- SU3 NE01 - DIESEL GENERATOR ELECTRICAL PREOP  
"B" train, Section 7
- SU8 RJ01 - PLANT COMPUTER POINT VERIFICATION  
Intermittent
- SU8 SA01 - ENG'D SAFEGUARD'S FEATURES STATUS PANEL  
Section 7.
- SU3 0004 - POWER CONVERSION & ECCS THERMAL EXPANSION TEST  
Section 7
- SU3 0005 - POWER CONVERSION AND ECCS DYNAMIC TEST  
Section 6
- SU8 0005 - HVAC AIR BALANCE INSTRUCTIONS  
Intermittent
- SU8 0007.1 - PLANT PERFORMANCE TEST (HFT)  
Section 7.
- SU8 0010 - RV LEVEL INDICATION  
Section 7
- SU9 0013 - HFT INSTRUMENT CORRELATION  
Section 7

INACTIVE

- SU4 EA01 - SERVICE WATER PREOP  
On hold for completion of SU3 EF01, restart F/C 8/22
- SU3 EC01 - SPENT FUEL POOL COOLING PURIF. PREOP  
Fuel building portion is complete. Balance of the test will complete after HFT
- SU3 EG01 - COMPONENT COOLING WATER  
Section 7, suspended pending preparation/approval of major TCN to facilitate preop testing during HFT.  
F/C 8/14.
- SU4 KC02 - FIRE PROTECTION SYSTEM HALON PREOP  
Section 7, on hold for completion of HFT
- SU3 KE06 - REFUELING MACHINE INDEXING TEST  
Section 7, to be completed after HFT
- SU3 KE07 - PREOP INTEGRATED OPERATION OF FUEL HANDLING SYSTEM  
Portion on Fuel Bldg side complete. Balance of the test will complete after HFT
- SU8 RJ02 - PLANT COMPUTER (NSSS) ACCEPTANCE TEST  
On hold for revision to NSSS data base.
- SU3 SA02 - ENGINEERED SAFEGUARDS (BOP) PREOP  
Section 7, on hold for completion of HFT
- SU4 SK01 - PLANT SECURITY SYSTEM  
Section 7, on hold - vendor software delivery, F/C 8/15
- SU4 SQ02 - LOOSE PARTS MONITORING  
Section 7 on hold for printer problem  
Vendor to come on site to resolve, no forecast now
- SU3 0009 - COMPRESSED GAS ACCUMULATOR TEST  
Section 6, on hold for pressure regulator valve parts/rework, F/C 9/21.



## INTEROFFICE CORRESPONDENCE

TO: Distribution

FROM: R. J. Glover *RJG by tac*

DATE: August 13, 1984

SUBJECT: Composite Test Schedule to Fuel Load, rev. 3

Attached for your information and review is a copy of the subject schedule and a chronological and alphabetical listing of preoperational and acceptance test as delineated in the schedule.

DISTRIBUTION:

HANDFINGER  
 ELLISON  
 CAMERON  
 QUIGGLE  
 ARNOLD  
 MAYES  
 FAIST  
 HARRELL #86  
 CAMPBELL #100  
 McLAURIN #100

EARLY (2) #55  
 HILL #55

ANDERSEN  
 HADDER  
 HEINZ

OAKLEY  
 SEMMES

DEMSTER QC  
 GUIMBELLOT HVAC  
 BOSTON, QA  
 VAUX F/H

HARVEY DIC-Kim(4)  
 BISHOP DIC  
 FOUTS DIC (4)  
 BAILEY, NPE #89

GLASBERGEN W

BUNDY NRC  
 NRC #62  
 BROWN (2)

CREEL, Mail Wichita

RHODES, OPS  
 BOYER, OPS  
 NORTON, OPS  
 ZELL, OPS

McKINNEY I&C  
 BRAMLETT I&C  
 RICH/WALDROP Maint

KOZKOWSKI EL.T.

POST:  
 Glover, Gardner, Estes, Johnson  
 KG&E CR & DIC  
 Trailers: A,B,C

PREOPS REMAINING  
CHRONOLOGICAL LISTING

PROCEDURE TYPE NUMBER	DESCRIPTION	SCHEDULED START	SCHEDULED FINISH	DURATION (DAYS)
SU8 GP01	LOCAL LEAK RATE TEST PREOP	9/02/83A	9/12/84	377
SU8 0005	HVAC AIR BALANCE INSTRUCTIONS	4/09/84A	10/11/84	186
SU4 SK01	PLANT SECURITY SYSTEM PREOP	4/24/84A	9/15/84	144
SU8 RJ02	PLANT COMPUTER (NSSS) ACCEPTANCE TEST	6/06/84A	9/27/84	114
SU8 RJ01	PLANT COMPUTER POINT VERIFICATION	6/11/84A	10/11/84	123
SU4 KC01B	FIRE PROTECTION POWER BLOCK WET PIPING PREOP	6/19/84A	8/21/84	123
SU4 KC03	FIRE PROTECTION SYSTEM DETECTION AND ALARM PREOP	6/29/84A	10/06/84	100
SU4 EA01	SERVICE WATER PREOP (completion)	7/27/84A	9/12/84	47
SU3 NE01	DIESEL GENERATOR ELECTRICAL PREOP	7/27/84A	9/12/84	48
SU3 EG01	COMPONENT COOLING WATER SYSTEM PREOP	7/31/84A	9/12/84	44
SU8 SA01	ENGRD SAFGRDS FEATURES STATUS PANEL/FIELD INPUT VERIF.	7/31/84A	10/23/84	85
SU3 SA02	ENGINEERED SAFEGUARDS (BOP) PREOP	8/01/84A	10/05/84	66
SU3 EF01	ESSENTIAL SERVICE WATER SYSTEM PREOP	8/05/84A	9/12/84	38
SU4 PK02	125V NON CLASS IE DC SYSTEM PREOP (DCP-49)	8/25/84	8/29/84	5
SU3 EN02	CONTAINMENT SPRAY SYSTEM PREOP	8/25/84	9/06/84	13
SU3 NN01	INSTRUMENT AC SYSTEM CLASS IE PREOP	8/26/84	8/28/84	3
SU3 BB15B	LEAK DETECTION SYSTEM	8/28/84	9/01/84	4
SU4 KF01	PREOP TEST BRIDGE CRANES	9/02/84	9/08/84	7
SU4 HB01	LIQUID RADWASTE SYSTEM PREOPERATIONAL TEST	9/03/84	9/17/84	15
SU4 LE01	OILY WASTE SYSTEM PREOP	9/04/84	9/26/84	23
SU4 LF01	FLOOR AND EQUIPMENT DRAIN SYSTEM PREOP	9/06/84	10/01/84	26
SU3 SB01	REACTOR PROTECTION LOGIC TEST	9/06/84	10/13/84	38
SU4 GX01	GROUNDING SYSTEM PREOP TEST	9/07/84	9/23/84	16
SU4 HE01	BORON RECYCLE SYSTEM PREOP	9/09/84	9/22/84	15
SU4 GH01	RADWASTE BLDG HVAC PREOP	9/09/84	9/22/84	15
SU4 SD02	AREA RADIATION MONITORING SYSTEM PREOP (BOP)	9/12/84	9/25/84	14
SU3 GP02	STRUCTURAL INTEGRITY TEST (SU3 0003 in FSAR)	9/13/84	9/16/84	4
SU4 HC03	RESIN TRANSFER PREOP	9/13/84	9/26/84	14
SU4 LD01	CHEMICAL WASTE SYSTEM PREOP	9/14/84	9/22/84	9
SU3 0006	HEPA FILTER TEST	9/15/84	10/20/84	12
SU3 GP01	INTEGRATED LEAK RATE TEST (SU3 0001 in FSAR)	9/17/84	9/22/84	6
SU8 SE01	NEUTRON MONITORING INDICATION & CONTROL TEST (W)	9/17/84	9/23/84	7
SU4 HF02	SECONDARY LIQUID WASTE EVAPORATOR PREOP	9/18/84	9/29/84	13
SU4 HB02	WASTE EVAPORATOR	9/18/84	9/27/84	9
SU4 HD01	DECONTAMINATION SYSTEM PREOP	9/19/84	10/01/84	13
SU3 0009	COMP. GAS ACCUMULATOR TEST (completion)	9/21/84	9/26/84	6
SU8 0006	RHR SUMP SUCTION DEMONSTRATION	9/22/84	9/25/84	4

PREOPS REMAINING  
CHRONOLOGICAL LISTING

PROCEDURE TYPE NUMBER	DESCRIPTION	SCHEDULED START	SCHEDULED FINISH	DURATION (DAYS)
SU4 KC02	FIRE PROTECTION SYSTEM HALON PREOP (completion)	9/22/84	10/02/84	11
SU3 GS01	POST-ACCIDENT HYDROGEN REMOVAL SYSTEM PREOP	9/22/84	10/04/84	13
SU3 HA01	GASEOUS RADWASTE PREOP	9/22/84	10/13/84	22
SU4 KF02	PREOP TEST J.B. CRANES, HOISTS	9/22/84	9/25/84	4
SU3 NF01	LOAD SHEDDING AND LOAD SEQUENCER	9/22/84	10/10/84	18
SU3 GT01	CONTAINMENT PURGE SYSTEM PREOP	9/25/84	10/10/84	16
SU4 HC02	SOLID RADWASTE FILTER HANDLING PREOP	9/27/84	10/10/84	14
SU3 EM02	SAFETY INJECTION FLOW VERIFICATION PREOP (completion)	9/28/84	9/30/84	3
SU3 KE05	REFUELING MACHINE CHANGE FIXTURE PREOP (completion)	9/28/84	9/28/84	1
SU3 KE06	REFUELING MACHINE INDEXING TEST (completion)	9/29/84	9/29/84	1
SU4 HE02	BORON RECYCLE EVAPORATOR TEST	9/30/84	10/06/84	7
SU3 EC01	SFP COOLING PURIFICATION PREOP (completion)	9/30/84	10/04/84	5
SU8 SR01	INCORE NEUTRON MONITORING SYSTEM PREOP	10/01/84	10/15/84	15
SU3 KE07	PREOP INTEGRATED OPERATION OF FUEL HANDLING SYSTEM (completion)	10/05/84	10/06/84	2
SU4 SG01	SEISMIC INSTRUMENTATION SYSTEM PREOP	10/07/84	10/16/84	10
SU3 EP01	ACCUMULATOR SAFETY INJECTION ACCUMULATOR TEST	10/08/84	10/12/84	5
SU4 HC01	SOLID RADWASTE SYSTEM PREOP	10/11/84	10/24/84	14
SU3 SA03	ENGINEERED SAFEGUARDS	10/11/84	10/20/84	10
SU3 SP01	PROCESS RADIATION MONITORING SYSTEM PREOP	10/11/84	10/23/84	14
SU8 SF02	FUNCTIONAL CHECK OF DIGITAL ROD POSITION INDICATING SYSTEM	10/13/84	10/19/84	7
SU4 QJ03	HEAT TRACE (AIRBORNE PROCESS RAD MONITORS)	10/17/84	10/24/84	8
SU3 NF03	SHUTDOWN SEQUENCER PREOP TEST	10/21/84	10/26/84	6
SU3 NF02	LOCA SEQUENCER PREOP TEST	10/27/84	10/31/84	5

NOTE: Listing does not include preops associated with the completion of Hot Functional Testing.

PREPARED BY  
ALPHABETICAL LISTING

PROCEDURE TYPE NUMBER	DESCRIPTION	SCHEDULED START	SCHEDULED FINISH	DURATION (DAYS)
SU3 BB15B	LEAK DETECTION SYSTEM	8/28/84	9/01/84	4
SU4 EA01	SERVICE WATER PREOP (completion)	7/27/84A	9/12/84	47
SU3 EC01	SFP COOLING PURIFICATION PREOP (completion)	9/30/84	10/04/84	5
SU3 EF01	ESSENTIAL SERVICE WATER SYSTEM PREOP	8/05/84A	9/12/84	38
SU3 EG01	COMPONENT COOLING WATER SYSTEM PREOP	7/31/84A	9/12/84	44
SU3 EM02	SAFETY INJECTION FLOW VERIFICATION PREOP (completion)	9/28/84	9/30/84	3
SU3 EN02	CONTAINMENT SPRAY SYSTEM PREOP	8/25/84	9/06/84	13
SU3 EP01	ACCUMULATOR SAFETY INJECTION ACCUMULATOR TEST	10/08/84	10/12/84	5
SU4 GH01	RADWASTE BLDG HVAC PREOP	9/09/84	9/22/84	15
SU3 GP01	INTEGRATED LEAK RATE TEST (SU3 0001 in FSAR)	9/17/84	9/22/84	6
SU8 GP01	LOCAL LEAK RATE TEST PREOP	9/02/83A	9/12/84	377
SU3 GP02	STRUCTURAL INTEGRITY TEST (SU3 0003 in FSAR)	9/13/84	9/16/84	4
SU3 GS01	POST-ACCIDENT HYDROGEN REMOVAL SYSTEM PREOP	9/22/84	10/04/84	13
SU3 GT01	CONTAINMENT PURGE SYSTEM PREOP	9/25/84	10/10/84	16
SU4 GX01	GROUNDING SYSTEM PREOP TEST	9/07/84	9/23/84	16
SU3 HA01	GASEOUS RADWASTE PREOP	9/22/84	10/13/84	22
SU4 HB01	LIQUID RADWASTE SYSTEM PREOPERATIONAL TEST	9/03/84	9/17/84	15
SU4 HB02	WASTE EVAPORATOR	9/18/84	9/27/84	9
SU4 HC01	SOLID RADWASTE SYSTEM PREOP	10/11/84	10/24/84	14
SU4 HC02	SOLID RADWASTE FILTER HANDLING PREOP	9/27/84	10/10/84	14
SU4 HC03	RESIN TRANSFER PREOP	9/13/84	9/26/84	14
SU4 HD01	DECONTAMINATION SYSTEM PREOP	9/19/84	10/01/84	13
SU4 HE01	BORON RECYCLE SYSTEM PREOP	9/09/84	9/22/84	14
SU4 HE02	BORON RECYCLE EVAPORATOR TEST	9/30/84	10/06/84	7
SU4 HF02	SECONDARY LIQUID WASTE EVAPORATOR PREOP	9/18/84	9/29/84	13
SU4 KC01B	FIRE PROTECTION POWER BLOCK WET PIPING PREOP	6/19/84A	8/21/84	123
SU4 KC02	FIRE PROTECTION SYSTEM HALON PREOP (completion)	9/22/84	10/02/84	11
SU4 KC03	FIRE PROTECTION SYSTEM DETECTION AND ALARM PREOP	6/29/84A	10/06/84	100
SU3 KE05	REFUELING MACHINE CHANGE FIXTURE PREOP (completion)	9/28/84	9/28/84	1
SU3 KE06	REFUELING MACHINE INDEXING TEST (completion)	9/29/84	9/29/84	1
SU3 KE07	PREOP INTEGRATED OPERATION OF FUEL HANDLING SYSTEM (completion)	10/05/84	10/06/84	2
SU4 KF01	PREOP TEST BRIDGE CRANES	9/02/84	9/08/84	7
SU4 KF02	PREOP TEST J.B. CRANES, HOISTS	9/22/84	9/25/84	4
SU4 LD01	CHEMICAL WASTE SYSTEM PREOP	9/14/84	9/22/84	9
SU4 LE01	OILY WASTE SYSTEM PREOP	9/04/84	9/26/84	23
SU4 LF01	FLOOR AND EQUIPMENT DRAIN SYSTEM PREOP	9/06/84	10/01/84	26
SU3 NE01	DIESEL GENERATOR ELECTRICAL PREOP	7/27/84A	9/12/84	48



PREOP'S REMAINING  
ALPHABETICAL LISTING

PROCEDURE TYPE NUMBER	DESCRIPTION	SCHEDULED START	SCHEDULED FINISH	DURATION (DAYS)
SU3 NF01	LOAD SHEDDING AND LOAD SEQUENCER	9/22/84	10/10/84	18
SU3 NF02	LOCA SEQUENCER PREOP TEST	10/27/84	10/31/84	5
SU3 NF03	SHUTDOWN SEQUENCER PREOP TEST	10/21/84	10/26/84	6
SU3 NN01	INSTRUMENT AC SYSTEM CLASS IE PREOP	8/26/84	8/28/84	3
SU4 PK02	125V NON CLASS IE DC SYSTEM PREOP (DCP-49)	8/25/84	8/29/84	5
SU4 QJ03	HEAT TRACE (AIRBORNE PROCESS RAD MONITORS)	10/17/84	10/24/84	8
SU8 RJ01	PLANT COMPUTER POINT VERIFICATION	6/11/84A	10/11/84	123
SU8 RJ02	PLANT COMPUTER (NSSS) ACCEPTANCE TEST	6/06/84A	9/27/84	114
SU8 SA01	ENGNRD SAFGRDS FEATURES STATUS PANEL/FIELD INPUT VERIF.	7/31/84A	10/23/84	85
SU3 SA02	ENGINEERED SAFEGUARDS (BOP) PREOP	8/01/84A	10/05/84	66
SU3 SA03	ENGINEERED SAFEGUARDS	10/11/84	10/20/84	10
SU3 SB01	REACTOR PROTECTION LOGIC TEST	9/06/84	10/13/84	38
SU4 SD02	AREA RADIATION MONITORING SYSTEM PREOP (BOP)	9/12/84	9/25/84	14
SU8 SE01	NEUTRON MONITORING INDICATION & CONTROL TEST (W)	9/17/84	9/23/84	7
SU8 SF02	FUNCTIONAL CHECK OF DIGITAL ROD POSITION INDICATING SYSTEM	10/13/84	10/19/84	7
SU4 SG01	SEISMIC INSTRUMENTATION SYSTEM PREOP	10/07/84	10/16/84	10
SU4 SK01	PLANT SECURITY SYSTEM PREOP	4/24/84A	9/15/84	144
SU3 SP01	PROCESS RADIATION MONITORING SYSTEM PREOP	10/11/84	10/23/84	14
SU8 SR01	INCORE NEUTRON MONITORING SYSTEM PREOP	10/01/84	10/15/84	15
SU3 0006	HEPA FILTER TEST	9/15/84	10/20/84	12
SU3 0009	COMP. GAS ACCUMULATOR TEST (completion)	9/21/84	9/26/84	6
SU8 0005	HVAC AIR BALANCE INSTRUCTIONS	4/9/84A	10/11/84	186
SU8 0006	RHR SUMP SUCTION DEMONSTRATION	9/22/84	9/25/84	4

NOTE: Listing does not include preops associated with  
the completion of Hot Functional Testing.

48 HOUR WORKLIST  
(TEST ACTIVITIES)

From 1700 8/16/84 to 1700 8/18/84

DISTRIBUTION:

Shift Test Supervisor (3)  
OPS Shift Supervisor  
Gardner  
Glover  
Handfinger  
Quiggle  
Arnold  
Mayes  
Faist (2)  
Murphy  
Ohanian  
Cameron  
Moldenhauer  
Alderson  
Molnar  
Harrell  
Campbell 100  
McLaurin 100  
Kichton (12) 97  
Early 55  
Phillips (Civil Trailer)  
Andersen (3) B  
Hadder (2) B  
Heinz B  
Whelan B  
Franklin B  
Semmes C  
Ferguson B  
LeCroy C  
Oakley (5) C  
Broadwater C  
Martin/Veglia C  
Chawla B  
Thorin B  
Kurtz C  
Mitchell C  
Landstrom C  
Featherson C  
Trickovic C  
Guimbilot (2) HVAC  
Tarwater HVAC  
Gilmore HVAC  
Jamieson H  
Cunningham H  
Vaux H  
McKinney (12) IC  
Scott (Maint)  
Lytle (NNI #30)  
Kozkowski SUET  
Rhodes OP  
Williams OP  
Zell OP

Wagner OP  
Stevens (T.S.)  
Oriole (3) Maint  
Jones #72  
Jurrus #37  
McBride (DCC)  
Dempster (QC) (3)  
Peekie (QA)  
Hough (QA)  
~~Bundy (NRC) (2)~~  
Hollingsworth (P/W)  
Peterson (P/W) (3)  
Gerling (P/W)  
Stricklin (P/W)  
Payne (DCM)  
Arora (DCE) (2)  
Overturf (W)  
Glasbergen (W) (2)  
Dorn KG&E Constr)  
Becker (KG&E Contracts)  
Choquette (KG&E Contracts)  
Schedulers (4)

HYDRO ENGINEERS:

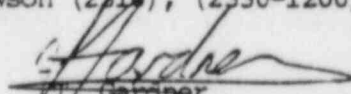
Mukes  
Grimes (2)  
Wood  
White  
Gibson  
George  
Ehrgott  
Cox



## INTEROFFICE CORRESPONDENCE

TO: Distribution  
 FROM: T. Gardner  
 DATE: August 16, 1984  
 SUBJECT: Off Hours Lead Individuals

S/U ELECT. TEST	THURSDAY EVENING Long (1164), (1530-2430) Pasquith (1164), (2400-0800)
S/U I&C TEST (2451)	SUFFICIENT SUPPORT
HYDRO SUPV (2577)	N-Gibson
SHIFT TEST SUPV (2262)	N-Raykiewicz
CRAFT SUPERINTENDENT (8-1370 or 2444)	S-Kaufman G-Clark
DANIEL COORDINATOR (1521)	Mulder
MATERIALS MGMT GROUP (pager #249)	Bornaschella (1526) (1700-0530)
WAREHOUSE PERSONNEL	Stump (316) 364-8742 (on call)
NNI SUPPORT (2471)	S-Linn (1300-0130) G-Denchfield (2100-0930)
HVAC SUPPORT (2591)	Tarwater (1900-0700)
KG&E MAINTENANCE	Waldrop/Nobles (2304), (1130-2400) Foster/Lawson (2210), (2330-1200)

  
 T. Gardner  
 Lead System Test Supervisor

ACCESS CONTROL

The following areas have restricted access control and entrance into these areas can be facilitated through the Shift Test Supervisor:

<u>AREA</u>	<u>ROOM</u>	<u>BLDG</u>	<u>ELEV</u>
1. Auxiliary Feedwater Pump Rooms (Motor driven pumps & valve rooms)	1324 1327 1328 1330 1325 1326 1331	Turbine	2000'
NOTE: 1329 is not restricted			
2. Centrifugal Charging Pump Room	1107 (B) 1114 (A)	Auxiliary	1974'
3. Reactor Coolant Pump Cavities	—	Containment	—
4. Reactor Vessel	—	Containment	2047'
5. NK Battery Room	—	Control	2016'
6. PK-1 Battery Room	NW Corner	Turbine	2033'
7. PJ Battery Room	SE Corner	Turbine	2033'
8. EBG06	1103	Auxiliary	1974'
9. Letdown RH Exchanger	1104	Auxiliary	1974'
10. BG Valves	1105	Auxiliary	1974'
11. Mod. Heat Exchanger	1106	Auxiliary	1974'
12. "B" Safety Injection "A" Safety Injection	1108 1113	Auxiliary Auxiliary	1974' 1974'
13. "B" RHR "A" RHR	1109 1111	Auxiliary Auxiliary	1974' 1974'
14. Positive Displace. Pump	1115	Auxiliary	1974'
15. "B" BA Tank	1116	Auxiliary	1974'
16. N. Penetration Room (Partial)	1410	Auxiliary	2026'
17. Entire Bldg.	—	Fuel Bldg.	All
18. Diesel Gen. Rooms	A B	Diesel Gen.	2000'
19. MA Transformer	N Corner	Turbine	—

Date: July 5, 1984

To: K.G. & E. QA/QC Dept.

From: Jeffrey A. Winkel, A.N.I.I.

Regarding A.N.I.I. Coverage

This memo is to aid QA/QC Dept. in contacting myself when needed for Section XI activities. I can usually be reached at ext. 1575 ( trailer #5 west of the powerblock ). In the event I cannot be reached at this ext., try ext. 1333 (Westinghouse QA) and ask for the Kemper A.N.I., if one answers they should have an idea where I'm located. If this does not work, and it is after working hours, contact me at my house, 913-862-2358. In the event of a A.N.I.I. "hold point", and I cannot be reached, other Kemper A.N.I.'s on site at the time may act on my behalf. If I can be of any further help, please do not hesitate to contact me.

Ramon Howard 1-913-273-3571  
Westinghouse ANI





48 HOUR WORK LIST

P R I O R. Scheduling Startup August 16, 1984 DATES 8/16 to 8/18/84 Sheet 3 of 20  
 GROUP SIGNATURE DATE

SUPPORT REQUIRED  
 Estimate Number and  
 Type of support Required

H - Designates HPT Restraint

STARTUP			DIC			KG&E			O
E	L	I	E	M	M	C	A	H	T
L	E	&	L	E	Q	A	H	O	H
E	C	C	E	C	C	I	E	P	R
C	C		C	H	N	M	S		S

SYSTEM DESCRIP	S H	RESPONSIBLE ENGINEER	8/16		8/17		8/18		ACTIVITY	Req'd Date	STATUS/COMMENTS
			N	D	N	D	N	D			
3 BG	D N	Woodfin Landstrom							SU1-BG100 - Excess letdown flush	8/11/84	@ 2200 psig
1 PH	D N	Poulidis Gruba	X	X	X	X			SU4-BM01, Dynamic run	8/15/84	
1 BH	D N	Poulidis Gruba	X	X	X				CWP-BM-336-M - Rework Pump	8/16/84	KM
1 BH	D N	Poulidis Gruba	X	X	X	X			CWP-BM-341-M - Torque Heat Exchanger	8/16/84	KM
1 H	D N	Poulidis Gruba	X	X	X	X			CWP-BM-342-E - Rework Cable 5BMY18AA	8/16/84	DCE
1 EA	D N	Chawla Veglia							EA Flow Balance (On Hold for EF Flow Balance)		on hold

KSS



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P  
R Scheduling Startup August 16, 1984 DATES 8/16 to 8/18/84 Sheet 4 of 20  
I GROUP SIGNATURE DATE

SUPPORT REQUIRED  
Estimate Number and  
Type of support Required

O  
R. H - Designates HFT Restraint

STARTUP			DIC			KG&E			O
E	L	I	E	M	M	C	H	O	T
L	I	Q	L	E	Q	A	H	O	E
E	&	C	E	C	C	I	E	P	R
C	C		C	H		N	M	S	S

SYSTEM DESCRIP	S H	RESPONSIBLE ENGINEER	8/16		8/17		8/18		ACTIVITY	Req'd Date	STATUS/COMMENTS
			N	D	N	D	N	D			
2 H	EF	D N	Reynolds Biggs	X	X	X	X	SU3-EF01, Flow Balance Section 7.10	9/5/84	Flow Balance of "B" Train	X
2 H	EG	D N	Wood Martin					SU3-EG01 Preop (Section 7.1) (on hold for TCN)	on hold	Sections 7, 8, 9, 10 & 11 Complete	X
2 H	EG	D N	Wood Butler					CWP-EG-622-P - Hqr. Rework (Need Paper)	8/14/84	DCH NCR1SN20037	DCH

48 HOUR WORK LIST

SUPPORT REQUIRED  
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Type of support Required

P  
R Scheduling Startup August 16, 1984 DATES 8/16 to 8/18/84 Sheet 5 of 20  
I  
O  
R. GROUP SIGNATURE DATE

STARTUP			DIC			KG&E			O
E	L	I	E	M	M	C	A	H	T
L	I	Q	L	E	Q	A	H	O	E
E	&	C	E	C	C	I	E	P	R
C	C		C	H	N	M	S	S	S

H - Designates HFT Restraint

SYSTEM DESCRIP	S H	RESPONSIBLE ENGINEER	8/16		8/17		8/18		ACTIVITY	Req'd Date	STATUS/COMMENTS
			N	D	N	D					
/ EJ	D	Stewart	X	X	X	X			CWP-EJ-492-I - Pressure Indicator	8/18/84	KSJ
	N	Landstrom									
/ EJ	D	Stewart	X						CWP-EJ-493-M	8/16/84	KM
	N	Landstrom									
10 EN	D	Gerardine							Proof Flush	on hold	Procedure rewrite
10 EN	D	Gerardine		X		X			EN Component Test	8/19/84	Mech, Elec 95.5
10 EN	D	Gerardine		X		X			SU3 EN02 Dynamic Run	ongoing	
5 EP	D	Saunderson							CWP-EP-184-M - HV8950C Rework	on hold	FMR 2168, 2165
	N	STS							Seat (CWP to Revised)		
5 EP	D	Saunderson	X	X	X				CWP-EP- - - Thread Tail Piece	8/17/84	DCX
	N,	STS									

DCX











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R Scheduling Startup August 16, 1984 DATES 8/16 to 8/18/84 Sheet 11 of 20  
I GROUP SIGNATURE DATE  
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R. H - Designates HFT Restraint

SUPPORT REQUIRED  
Estimate Number and  
Type of support Required

SYSTEM DESCRIP	S H	RESPONSIBLE ENGINEER	8/16		8/17		8/18		ACTIVITY	Req'd Date	STATUS/COMMENTS	STARTUP		DIC		KG&E		O T H E P R S
			N	D	N	D	N	D				E	I	Q	E	M	M	
13 HB	D N	Guarino Schaffer	X	X	X	X			CWP-HB-298-M - Remove/reinstall internals for HBV369 (HB04, FP-3)	8/20/84	KM							X
13 HB	D N	Guarino Schaffer	X	X	X	X			CWP-HB-299-M - Remove/reinstall internals for HBV236 (HB04, FP-3)	8/20/84	KM							X
13 HB	D N	Guarino Schaffer							CWP-HB-300-M - Remove/reinstall internals for HBV255 (HB04, FP-3)	on hold	KM for HC Restoration							X
13 HB	D N	Guarino Schaffer	X	X	X	X			CWP-HB-301-M - Remove/reinstall internals for HB-HV707 (HB04, FP-3)	8/20/84	KM							X
13 HB	D N	Guarino Schaffer	X	X	X	X			CWP-HB-302-M - Remove/reinstall internals for HBV237 (HB04, FP-3)	8/20/84	KM							X
13 HB	D N	Guarino Schaffer							CWP-HB-303-M - Remove/reinstall internals for HBV257 (HB04, FP-3)	on hold	KM for HC Restoration							X
13 HB	D N	Guarino Schaffer	X	X	X	X			CWP-HB-304-M - Remove/reinstall internals for HBV214 (HB04, FP-3)	8/20/84	KM							X
13 HB	D N	Guarino Schaffer	X	X	X	X			CWP-HB-234-M - Remove/reinstall internals for HFV135 (HB04, FP-3)	8/20/84	KM							X
13 HB	D N	Guarino Schaffer	X	X	X	X			CWP-HB-305-M - Remove/reinstall strainer at YS-Z (HB04, FP-3)	8/20/84	KM							X
13 HB	D N	Guarino Schaffer	X	X	X	X			CWP-HB-294-M - Remove/reinstall manway cover THB10 (HB04, FP-3)	8/20/84	DCM							X
13 HB	D N	Guarino Schaffer	X	X	X	X			CWP-HB-293-M - Remove/reinstall and realign PHB10 (HB04, FP-3)	8/20/84	DCM							X
13 HB	D N	Guarino Schaffer	X	X	X	X			CWP-HB-292-M <sup>C</sup> - Hand clean tank THB10 (HB04, FP-3)	8/20/84	DCV							DCV





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P  
R Scheduling Startup August 16, 1984 DATES 8/16 to 8/18/84 Sheet 13 of 20  
I GROUP SIGNATURE DATE  
O  
R. H - Designates HFT Restraint

SUPPORT REQUIRED  
Estimate Number and  
Type of support Required

SYSTEM DESCRIP	S H	RESPONSIBLE ENGINEER	8/16		8/17		8/18		ACTIVITY	Req'd Date	STATUS/COMMENTS	STARTUP		DIC		KG&E		O T H E P R S
			N	D	N	D	E	M				M	C	E	C	I	H	
12	HC	D N	Ferguson Reed	X					CWP-HC-51 (HC01-FP-1)	8/15/84	NNI						X	
12	HC	D N	Ferguson Reed	X					CWP-HF-215 (HC01-FP-1)	8/15/84	DCX							DCX
12	HC	D N	Ferguson Reed	X					CWP-HF-214 (HC01-FP-1)	8/15/84	NNI						X	
12	HD	D	Whelan		X		X		SUI HD01, Flush	9/3/84	4 of 8 Sold							
12	HD	D	Whelan		X		X		Component Testing (I&C - Complete) (Mech-Held by Flush)	9/8/84	Mech, Elec Held by Prereqs	X						
2	HE	D N	Daly Scott	X	X	X	X		SU6 ME11, HE03, FP-1, Flush	ongoing	3 of 8							
2	HE	D	Daly						Component Testing (I&C - Complete) (Restrained by Flush)	ongoing	Elect	X						
15	HF	D N	Denny STS	X	X	X	X		CWP-HF- -M - Disassemble and Inspect PHF02A	8/21/84	KM						X	

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R Scheduling Startup August 16, 1984 DATES 8/16 to 8/18/84 Sheet 14 of 20  
I GROUP SIGNATURE DATE  
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R. H - Designates HFT Restraint

SUPPORT REQUIRED  
Estimate Number and  
Type of support Required

DESCRIP	S H	RESPONSIBLE ENGINEER	8/16 8/17 8/18				ACTIVITY	Req'd Date	STATUS/COMMENTS	SUPPORT REQUIRED															
			N	D	N	D				STARTUP			DIC			KG&E			O						
E	I	O	L	E	O	M	C	H	E	C	C	I	E	P	R	C	C	C	H	N	M	S	S		
15	HF-4	D	Denny		X		X	Component Testing ME02s (Only 2 soft seated valves left) (Held by HC Flush Boundary Valves)	ongoing	Elect, I&C, Mech.	X	X													
15	HF	D	Denny					SU6 MELL, HFXX	8/18/84	Held by Proc.															
10	KA	D N	Michalk Scott		X		X	Preop SU3-0009 (Section 6) (valves 4, 5 & 6 do not operate properly) (None @ Callaway, Checking Marble Hill)	ongoing	FMR-2120 ESD 8/10/84 Partial, remain 9/14/84 Need answer to SFR KH-10															
9	KC-1B	D	Boon		X		X	Perform SU4-KC01B Preop (Section 7) Aux Bldg, Control Bldg	8/31/84		X												X		
12	KC-3	D	Gandy		X		X	SU4-KC03 Preop (Section 7)	9/10/84																
12	KC-3	D	Gandy		X		X	Component Testing (I&C - Held by Preops)	9/3/84	Elect - Held by TOES	X														
12	KC-3	D N	Gandy Martin	X	X	X	X	CWP-KC-608-E - Megger cables/ Replace bed cable zone 329 detectors (@ OC)	8/10/84	DCE - Retest CWP Rev.												X			
12	KC-3	D N	Gandy Martin					CWP-KC-613-E - Rework 6KCQ11B (Need Paper)	8/16/84	DCE												X			









48 HOUR WORK LIST

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Scheduling Startup August 16, 1984 DATES 8/16 to 8/18/84 Sheet 19 of 20

GROUP SIGNATURE DATE  
H - Designates HFT Restraint

SUPPORT REQUIRED  
Estimate Number and  
Type of support Required

STARTUP			DIC		KG&E		O
E	I	Q	E	M	M	C	H
L	&	C	L	E	O	A	H
E			E	C	C	I	E
C	C		C	H	N	M	S

SYSTEM DESCRIP	S H	RESPONSIBLE ENGINEER	8/16		8/17		8/18		ACTIVITY	Req'd Date	STATUS/COMMENTS
			N	D	N	D	N	D			
GENERAL SECTION											
HEAT EXCHANGER ACTIVITIES:											
--	CC	D N	Covey Martin	X	X	X	X	CWP-CC- -M - Chlorinate ECC01A & B	8/19/84	GE	
--	Various	D N	Covey Martin					Remaining Coolers: SGB01A SGN01A SGN01B SGN01C SGN01D ECC01A ECC01B			
				X	X	X	X	EKJ06A - CWP-KJ-341-M -Chlorinate	8/18/84	KSM	
								CWP-KJ-337-M - Tube plugging KJ "A" Coolers	on hold	KSM/KM FMR -Need Plugs	X
--		D N	Trickovic Peterson	X	X	X	X	SU3-0004 (Section 7) (250°F Plateau)	ongoing	KSM	
--		D N	Trickovic Peterson	X	X	X	X	SU3-0005 (Section 6) (557°F Plateau)	ongoing	KSM Installing Test Instruments	
--		D N	Trickovic Peterson	X	X	X	X	SU8-0007.1 (Section 7)	ongoing	KSM	
--		D N	Trickovic Peterson	X	X	X	X	SU3-PB14 (Section 6) (557°F Plateau)	ongoing		
3	BB	D N	Davis Peterson					SU3-BB06 Preop (Section 7) (250°F Plateau)	to be cont'd @ 250°F		



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P R I O R. Hydro Startup August 16, 1984 DATES 8/16 to 8/18/84 Sheet 20 of 20  
 GROUP SIGNATURE DATE

SUPPORT REQUIRED  
 Estimate Number and  
 Type of support Required

H - Designates HFT Restraint

SYSTEM DESCRIP	S H	RESPONSIBLE ENGINEER	8/16		8/17		8/18		ACTIVITY	Req'd Date	STATUS/COMMENTS	STARTUP				O T H E R S		
			N	D	N	D	N	D				E L E C T R I C I T Y	I N S T R U M E N T A T I O N	M E C H A N I C A L	C O N T R O L S			
4 HC	D N	Cox Gibson	X	X	X	X			SU6 ME10, HC02, Hydro (CWP-HC-51-P)	8/18/84	Clearance 84-4035-HB			X	X	X		X
5 HC	D N	Cox Gibson	X	X	X	X			SU6 ME10, HC14, Prep (CWP-HC- -M)	8/18/84	Clearance 84-4052-HC Clearance 84-4035-HB			X	X	X		X
5 HF	D N	Cox Gibson	X	X	X	X			SU6 ME10, HF09, Prep (CWP-HF-231-P) (CWP-HF-233-P)	8/18/84	Clearance 84-4037-HB			X	X	X		X
5 HF	D	Cox				X	X		SU6 ME10, HF11, Prep	8/20/84				X	X	X		X