

50-424/425-OLA-3

5/24/95

Staff Exh. II-24

No 5351

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

S-24

Dw-RM

W87

DOCKETED
USNRC

Time

W87

Tuesday

CHC

Date

4-10-90

0110 DG '1B' taken to local control & maint. 95:30 14-10-37

moisture checks

LE 23-20 OSP 14980-1, D/G TRN A Oper. Test, comp. DEFENSE OF SECRETARY

0127 DG '1B' placed in remote control & operational DOCKETING & SERVICE

Moisture checks complete & sat.

0137 DG '1B' started

0137 WMT #12 → river started

0138 WMT #12 → isolated river isolated on High Red.

0145 Initiated RCS fill & vent.

0147 DG '1B' paralleled to the grid.

0254 TRN A+B SSPS placed in op. (Taken out of test)

2324 DG '1B' output breaker opened

0327 Stopped CCP 'A' with PRZR level at 22% Cold Cal.

to perform Slurge Relay Test.

0329 DG '1B' stopped

0332 started CCP 'A' reinitiated RCS fill & vent.

0342 TRN A+B SSPS placed in Test.

0343 Chemistry reports RCS Cp is 2410 ppm as of 0310 hrs.

per S. Lee.

0345 OSP 14980-1 DG1B OPERABILITY TEST COMPLETE & SAT

0356 OSP 14001-1 TEMP ROUNDS COMPLETE & SAT

0439 started RHR pump TRN A.

0448 Stopped RHR pump TRN A.

0502 _____ RHR

0503 _____ RHR

0506 _____ RHR

0522 _____ RHR

0530 RCS Filled & Vented, 350 psig & 93°F

0556 _____ RHR

LE-0500 DG1A F.O. Placed on Recirc.

0620 _____ RHR

0646 Night Shift off: relieved by P. Vannier. Robert Lowland

0646 DAY SHIFT ON: RO LPVannier BOB GA Ouellette

PLANT STATUS: Mode S 90 cps RCS Temp 100°F RCS BURN 2410ppm

9508030071 950524
PDR ADOCK 05000424
G PDR

RHR TRN B in shutdown cooling mode - Train A+B

CORES EXPOSED - RCS SERVICED UP PUMP @ 20% RHR

0736 OSP 14005-1 Complete & SAT. SDm = 827%

0807 1-MV-8805 RWST TO SI PUMPS OPENED

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

No. 5352

Time 12:00 TUESDAY

Date 4-10-70

- 0828 SSPS TRAIN A PLACED IN OPERATE
- 0839 RHR PUMP A STARTED
- 0836 CSP 14638-1 A TRN SSPS SLAVE RELAY TEST, K635, Comp: SAT
- 0851 NUKING CUCS Letdown ESTIMATED per 12001-1
- 0852 CSP 14650-1 A TRN SSPS SLAVE RELAY TEST, K747, Comp: SAT
- LE 0835 WINT NO. 9 release to RIVER STARTED
- 0925 CSP 14664-1, Train A, SSI'S, SLAVE RELAY K649, Comp: SAT
- 0930 MPP 'B' TRAIN OFF OF TRAINING GEAR
- 0937 WINT NO. 9 release to RIVER TERMINATED
- 0943 RHR Pump A Stopped - (IFIC 618A FAILED CLOSED - INL INVESTIGATION)
- 0949 D/C TRAIN A RANCO IN LOCAL FOR CSP 14632 SLAVE RELAY TEST
- 1000 IADG returned to Bank: CSP 14632-1, SSI'S A Train SLAVE RELAY K648, Comp: SAT
- 1005 CSP 14001-1, Temp Runds, Comp: SAT
- 1013 CSP 14636-1, SSPS SLAVE RELAY K749, for A Train, Comp: SAT
- 1017 CSP 14000-1 Complete & SAT
- 1018 SSPS TRAIN A PLACED IN TEST
- 1030 Hydrazine Addit. to ACS complete
- 1058 Mode 5 RCS Press @ 350psig, RCS Temp 101° - All Divert. Valves (Leakage Removed)
- LE 1004 Aux Spray Initiated to RCS for chemical dilution per 12001-1, alternate charging valve 8147 shut.
- 1154 FHB EXHAUST UNIT-1 STARTED & EXHAUST UNIT-2 STOPPED
- 1158 SSPS TRAIN A PLACED IN OPERATE
- 1208 CSP 14636-1, Train A SSPS SLAVE RELAY K622, Comp: SAT
- LE 1159 DRAINING RWT TO RWT COMMENCED
- 1210 SSPS TRAIN A PLACED IN TEST
- 1218 P22A HEATX COMMENCED TO 180°F RCS TEMP 110 P22C TEMP 100
- 1227 SSPS TRAIN "B" PLACED IN OPERATE
- 1240 CSP 14605-1, SSPS SLAVE RELAY, B Train, K617, Comp: SAT
- 1250 MDAFW - A TRAIN PUMP STARTED
- 1252 MDAFW - A TRAIN PUMP STOPPED
- 1255 CSP 14665-1 SSPS TRAIN B SLAVE RELAY K649 Complete & SAT.
- 1258 SSPS TRAIN B PLACED IN TEST
- LE 1253 CSP 14545-1 Complete & SAT. MDAFW A TRAIN MONTKY OP. TEST
- 1310 ^{UNSAFE} CSP 14430-1 Complete & SAT. NSCW Q.T. FANS MONTKY TEST
- 1310 CSP 14430-1 Complete & SAT. AC OFFSITE SOURCE VERIFICATION
- 1319 Chemistry Department (CARL ADAM) GIVES CONCURRENCE TO EXCEED 180°F & go to 225° P22C TEMPERATURE.
- 1331 Hydrazine Addit. to ACS Complete & SAT.

Time 1357 Monday

Date 4-10-90

- 1332 RXCW CLE: TOWER FANS WORKING RUN COMPLETE
- 1346 PAT DRAINED TO 60% FOR 13004-1 STARTER
- 1355 Alternate Charging Valve 2147 opened & Alternate Spray Valve shut
- 1402 CSP 14552-1 Complete & SAT. INCH FLOW PATI VERIFICATION
- 1413 PAT DRAINAGE TO 60% COMPLETE
- 1417 1417
- 1418 FHB EXHAUST FAN NO. 2 STARTED & FHB EXHAUST FAN NO. 1 STOPPED
- 1425 CB LEVEL A WINE PREP HVALC STARTED AND CB LTB NORMAL SUGAR
HVALC STARTED
- 1507 PRZL ^{ON 4-10-90} ~~PRZL~~ @ TEMPERATURE AT 225°F & HOLDING HERE.
- 1515 RHR PUMP "A" STARTED & PLACED IN AUTO CONTROLLING @ 5000 gpm (Found
BLOWN FUSE & BAD CARD WHICH CAUSES LTB TO FAIL CLOSED.)
- 1527 CSP 14330-1 Complete & SAT. (ONSITE POWER DISTRIBUTION)
- 1556 1556
- 1710 1710
- 1719 1719
- 1750 1750
- 1754 1754
- LE 1732 RWST SLUDGE MIXING PUMP STARTED & Chemistry notified
- 1745 MAKEUP FROM BAST TO RWST STARTED BORIC ACID TOTALIZER @ 04502.8 and
TOTAL MP TOTALIZER @ 066350 - Adding 30,000 gallons at a CB of 2550 ppm
- 1821 1821
- 1852 1852
- 1853 Relieved by HOWARD SHUTAN L. P. Vanner
- 1856 NIGHT SHIFT ON RO H. Sluman, BOF A, Switch Extra B. Mancy
Plant Status Mode 5, 90 CPS, RCS temp @ 106°F, RCS Co 2410
Both trains of RHR in service, B' train aligned
for letdown. Both trains of COPs normal.
RCS solid w/ RCS pressure @ 220 PSIG
- 1905 Started chemical injection to VCT, Aux Spray Valve open (Hydrazine)
- 1913 Main Turbine speed on Turning gear
- 1941 Started chemical injection to VCT, ALT Charging Valve open (Hydrazine)
- 1943 Electric Fire Pump Started
- 2130 Started SPE #1
- 2240 CSP 14001-1 Temp Rounds Comp & SAT
- 2255 Started chemical injection to VCT (Hydrazine thru Aux Spray)
- 2306 Started RCP #1 Oil Pump
- 2309 Started RCP #1

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

No 5354

Time

Date

4-10-90

2310 Establish steam seals on Main Turg

2312 RCP #1 vibrations 2 mil frame

2313 Secured RCP #1 oil lift pump ~~2 mils frame, 4 mils shaft~~ AS 4-10-90

2321 ~~Started~~ Started Hydrazine addition to VCT (ALTERNATE CHARGING)

2326 OSP 14915-1 DATA SHEET 11 Comp & SAT

2358 Placed Cmt Mini Purge in service (E. Hicks) notified

2025 OSP 14001-1 TS Rounds Comp & SAT

2400 LAST ENTRY

50-424/425-OLA-3

5/24/95

Staff Exh. II-24

No 5351

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

S-24

Don-RK

WIS

DOCKETED
NUSNRC

Time ^{WIS} ^{Thursday} ^{CHC} Date 4-10-90

- 0110 DG '1B' taken to local control & maint. moisture checks
- LE 2350 ⁴⁻⁹⁻⁹⁰ OSP 14980-1, D/G TRN A Oper. Test, complete
- 0127 DG '1B' placed in remote control & operational moisture check complete & sat.
- 0137 DG '1B' started
- 0137 WMT #12 → river started
- 0138 WMT #12 → ⁴⁻¹⁰⁻⁹⁰ isolated river isolated on High Rd.
- 0145 Initiated RCS fill vent.
- 0147 DG '1B' paralleled to the grid.
- 0259 TRN A+B SSPS placed in opatg. (Containment of fail)
- 2324 DG '1B' cut put breaker opened
- 0327 Stopped CCP 'A' with PRZR level at 22% Cold Cal. to perform Slays Relay Test.
- 0329 DG '1B' stopped
- 0332 started CCP 'A', reinitiated RCS fill & vent.
- 0342 TRN A+B SSPS placed in Test.
- 0343 Chemistry reports RCS Cp is 2410 ppm as of 0310 hrs. per S. Lee.
- 0345 OSP 14980-1 DG1B OPERABILITY TEST COMPLETE & SAT
- 0356 OSP 14001-1 TEMP ROUNDS COMPLETE & SAT
- 0435 Started RHR pump TRN A.
- 0448 Stopped RHR pump TRN A.
- 0502 _____
- 0503 _____
- 0506 _____
- 0522 _____
- 0530 RCS Filled & Vented, 350 psig & 93°F
- 0556 _____
- LE-0500 DG1A F.O. Placed on Recirc.
- 0620 _____
- 0646 Night Shift off: relieved by P. Vannier. Robert Portland
- 0646 DAY SHIFT ON: RO LEVannier BOP GA Ouellette
- PLANT STATUS: Mode S 90 cps RCS Temp 100°F RCS BORIN 2410ppm.
- 9508030071 950524
PDR ADOCK 05000424
G PDR
- RHR TRN B in shutdown cooling mode - Train A+B
- CORR started - RCS servin w/ pump @ 200ppm
- 0736 OSP 14005-1 Complete & SAT. S.D.M. = 8.27%
- 0807 1-MV-8806 RWST TO SI PUMPS OPENED

NUCLEAR REGULATORY COMMISSION

Doc No 50-424-01-4-3 Sept 11-24
In the name of the Commissioner
State Ill
Applicant _____
Inspector _____
Controlling _____
Contractor _____
Other _____
Reporter W. C. W.

5-24-95

Witness J. J. J.

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

No 5352

Time 12:00 TUESDAY

Date 4-10-70

- 0828 SSPS TRAIN A PLACED IN OPERATE
- 0839 RHIC PUMP A STARTED
- 0836 CSP 14638-1 A TRN SSPS SLAVE RELAY TEST, K635, Comp: Sat
- 0851 NUCLEAR CUES LOCKOUT ESTABLISHED per 13001-1
- 0852 CSP 14650-1 A TRN SSPS SLAVE RELAY TEST, K747, Comp: Sat
- LE 0835 WINT NO. 9 release to river STARTED
- 0925 CSP 1464-1, Train A, SSI'S, Slave Relay K649, Pump: Sat
- 0930 MPP 'B' TAKEN OFF OF TURNING GEAR
- 0937 WINT NO. 9 release to river TERMINATED
- 0943 RHIC Pump A Stopped - (IFIC 618A FAILED CUELED - IN INVESTIGATION)
- 0949 D/G TRAIN A RANCO IN LOCAL FOR CSP 14632 SLAVE RELAY TEST
- 1000 INDG returned to Bank: CSP 14632-1, SSI'S A Train Slave Relay K648, Comp: Sat
- 1005 CSP 14001-1, Temp Rands, Comp: Sat
- 1013 CSP 14636-1, SSPS Slave Relay K749, for A Train, Comp: Sat
- 1017 CSP 14000-1 Complete & Sat
- 1018 SSPS TRAIN A PLACED IN TEST
- 1030 Hydrazine Add. to ACS complete
- 1058 Mode 5 RCS ATOP @ 350psig, RCS Temp 101° - All Division valves (Leakage) Removed
- LE 1004 Aux Spray Initiated to RCS for chemical dilution per 12011-1, alternate charging valve 8147 stat.
- 1154 FHB EXHAUST UNIT-1 STARTED & EXHAUST UNIT-2 STOPPED
- 1158 SSPS TRAIN A PLACED IN OPERATE
- 1208 CSP 14616-1, Train A SSPS Slave Relay K612, Comp: Sat
- LE 1159 DRAINING RWIT TO RWIT COMMENCED
- 1210 SSPS TRAIN A PLACED IN TEST
- 1248 PRA 1 HEATER COMMENCED TO 180°F RCS TEMP 110 PRA2 TEMP 100
- 1227 SSPS TRAIN B PLACED IN OPERATE
- 1240 CSP 14605-1, SSPS Slave Relay, B Train, K617, Comp: Sat
- 1250 MDAFW - A TRAIN PUMP STARTED
- 1252 MDAFW - A TRAIN PUMP STOPPED
- 1255 CSP 14665-1 SSPS TRAIN B SLAVE RELAY K649 Complete & SAT
- 1258 SSPS TRAIN B PLACED IN TEST
- LE 1253 CSP 14545-1 Complete & Sat. MDAFW A TRAIN MINTRY OP. TEST
- 1310 ^{INVEST} CSP 14430-1 Complete & SAT. NSCW Q.T. FANS MINTRY TEST
- 1310 CSP 14230-1 Complete & SAT. AC OSSI'S SOURCE VERIFICATION
- 1319 Chemistry Department (CARL ADAM) GIVES CONCURRENCE TO EXCEED 180°F & go to 225° PRA2 TEMPERATURE.
- 1334 Hydrazine Additor to ACS Complete & SAT.

Time 1357 Monday

Date 4-10-90

- 1332 NEW CL6 TOWER FANS W/DRY RUN COMPLETE
- 1346 PAT DRAINED TO 60% FOR 13004-1 STARTED
- 1355 Alternate Charging Valve 2147 opened & Alternate Spray Valve shut
- 1402 CSP 14552-1 Complete & SAT NEW FLOW PATH VERIFICATION
- 1413 PAT DRAINAGE TO 60% COMPLETE
- 1417 7/2/97
- 1418 FHB EXHAUST FAN NO 2 STARTED & FHB EXHAUST FAN NO. 1 STOPPED
- 1425 CB LEVEL A WING AREA HVAC STARTED AND CB LTG NORMAL SUGAR
HVAC STARTED
- 1502 PRZR ^{ON 4/4/90} ~~Pressure~~ Temperature at 225°F & holding here.
- 1515 RHR PUMP "A" STARTED & PLACED IN AUTO CONTROLLING @ 5000 ppm (Found
BLOWN FUSE & BAD CARD WHICH CAUSES GIB TO FAIL CLOSED.)
- 1527 CSP 14335-1 Complete & SAT. (ONSITE POWER DISTRIBUTION)
- 1556 STA
- 1710 JA
- 1719 CHC
- 1750 AI
- 1754 CHC
- LE 1732 RWST SLUDGE MIXING PUMP STARTED + Chemistry notified
- 1745 MAKEUP FROM BAST TO RWST STARTED BORIC ACID TOTALIZER @ 04502.8 and
TOTAL MP TOTALIZER @ 866350 - Adding 30,000 gallons at a CB of 2550 ppm
- 821 HS
- 1832 2000
- 1853 Relieved by HOWARD SHUMAN L. Vannier
- 1856 NIGHT SHIFT ON RO H. Shuman, BOF A, Signal Extra B Mancy
Plant Status Mode 5, 90 CPS, RCS temp @ 106°F, RCS Co 2910
Both trains of RHR in service, B' train aligned
for letdown. Both trains of CBPs armed.
RCS solid w/ RCS pressure @ 220 PSIG
- 1905 Started chemical injection to VCT, Aux Spray Valve open (Hydrazine)
- 1913 Main Turbine placed on Tripping gear
- 1941 Started chemical injection to VCT, ALT Charging Valve open (Hydra.)
- 1943 Electric Fire Pump Started
- 2130 Started SPE #1
- 2240 CSP 14001-1 Temp Rounds Comp & SAT
- 2255 Started chemical injection to VCT (Hydrazine thru Aux Spray)
- 2306 Started RCP #1 Oil Pump
- 2309 Started RCP #1

Georgia Power Company B/V
Vogtle Electric Generating Plant
Unit 1 Control Log

No 5354

Time

Date

4-10-90

2310 Establish steam seals on Main Turb

2312 RCP #1 vibrations 2 mils frame

2313 Secured RCP #1 oil lift pump ~~2 mils frame, 4 mils shaft~~ AS 410 to

2321 ~~Started~~ Started Hydrazine addition to VCT (ALTERNATE CHARGING)

2326 OSP 14915-1 DATA SHEET 11 Comp & SAT

2358 Placed Cmt Mini Purge in service (E. Hicks) notified

2425 OSP 14001-1 TS Rounds Comp & SAT

2400 LAST ENTRY

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

W07

No 5355

Time

Wednesday

Date

4-11-90

0000 New Day made 5 PAZR Temp 225°, RCS Press @ 320#

0015 Make up to RWST from blender complete, Chemist notified

0038 OSP 14661-1 Train B SSPS Relay Test Complete & SAT

0044 OSP 14660-1 Train A SSPS Relay Test Complete & SAT

0053 Vacuum Breakers on main Condenser Closed

0110 Started CCP B on min. flow

0113 Secured CCP B

0137 RCS CB @ 2399 PPM (per J Coffey)

0137 Started Both MVPs to draw CONDENSER VACUUM

0159 OSP 14658-1 Train A SSPS Slave Relay Test Complete & SAT

0207 RCP #3 Oil Lift Pump started

0209 RCP #3 started

0211 stopped RCP #3 Oil Lift Pump

0243 Started STAGE #1 on Aux Strm from Unit 2

0251 OSP 14612-1 Train A SSPS Relay Test Complete & SAT

0252 Secured MVP #2

0321 Started Hydrazine addition to VCT, charging thru ALTR. CHARGING

0324 Started ACCW pump #1, Secured ACCW pump #2

0356 USP-14001-1 Shift Area Temp Round Complete & SAT

0444 _____ RCP _____

0500 _____ BIT _____

0525 BAST @ 7052 PPM (per Charvi)

0558 _____ CRV _____

0604 _____ SRO _____

0616 _____ PT _____

0627 _____ DRU _____

0641 Night Shift off H. Shuman relieved by P. Vannier, H. Shuman

0641 DAY SHIFT ON: RO LPVANNIER BOP GA CHELLETTE

PLANT STATUS: MODE 5 BSCPS RLS Press 350 psig RCS Temp 180°F. ARI

RHR TRAINS A & B IN SERVICE w/ B in shutdown cooling mode & AHR letdown.

080410 RWST Sample Concentration 2470 ppm

0814 RCP OIL LIFT PUMP NO. 4 STARTED & OIL LIFT PUMP NO. 1 STARTED

0816 RCP NO. 4 STOPPED

0818 RCP NO. 1 STOPPED & RCP OIL LIFT PUMP NO. 4 STOPPED

0836 RCP NO. 1 OIL LIFT PUMP STOPPED

0837 OSP 14825-102m Complete & SAT. ICB 9446

0841 D/G 1A FO. & FER PUMP #2 STARTED & F.O. LFER PUMP NO. 1 STOPPED

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

No. 3356

Time 12:17 Wednesday

Date 4-11-90

0920 RCP OIL LIFT PUMP 1 & 4 STARTED
0922 RCP NO 1 STARTED
0923 RCP NO 4 STOPPED
0924 RCP OIL LIFT PUMP NO 1 STOPPED
0926 RCP OIL LIFT PUMP NO 4 STOPPED
LE 0923 NSCU TRAIN "B" TOWER SPRAY VALVE OPENED
0950 FHR EXH. NO. 1 STARTED & EXH NO 2 STOPPED
0953 Commenced PRA heater to 435°F
0953 D/G F.O. XFER PUMP NO. 2 started for maintenance
1003 CSP 14405-1 Complete & Sat. BORN IN; FLOW ARM VERIF.
1017 RHR LEAKDOWN TRANSFERRED TO RHR TRAIN A
1024 RHR PUMP "B" STOPPED
LE 1016 VACUUM PUMP NO. 1 STOPPED
1029 CSP 14005-1 Complete & Sat for 200°F 6.3% O₂/SDM
1031 CSP 14005-1 Complete & Sat. for 38°F 6.3% O₂/SDM
1057 CSP 14225-1 Complete & Sat. (Made 4 entry)
1128 SJAE # 2 STARTED ON FAY STEAM
1153 CSP 14000-1 Complete & Sat day shift
1204 9:15h
1255 D/G 1A STARTED RHR CSP 14950-1
LE 1248 CSP 14951-1 Complete
1334 START INUP # 1
1340 STOP SJAE # 2
LE 1305 Chemical addition (LITHIUM) to RCS Complete
LE 1309 D/G 1A TIE BREAKER CLOSED
LE 1310 PRA Bubble Established
LE 1320 RHR Pump "B" Started
LE 1332 RHR TRAIN B IN RHR LEAKDOWN
LE 1339 RHR PUMP "A" STOPPED
1410 RHR PUMP A started
1430 RHR PUMP A STOPPED
1450 D/G 1A Out Put Breaker OPENED
1455 D/G 1A STOPPED
1511 RCP OIL LIFT PUMP NO 4 started
1512 RHR PUMP A started
1514 RCP NO. 4 started
1523 RCP OIL LIFT PUMP NO. 4 STOPPED
1530 MLU Condenser placed in service

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

No 5357

Time *Wed* Wednesday

Date 4/11/90

1547 RCS Pressure 350 psig RCS Temp 180°F RCS 1, 2, 3 in service and
RHR Trains A & B in service, normal charging & HP Letdown
& RHR Letdown in service.

1647 SSPS TRAIN "A" PLACED IN OPERATE

1648 SSPS TRAIN "B" PLACED IN OPERATE

1650 *SSPS*

1654 *000*

1702 *JA*

1703 *060*

1705 AUTHORIZED TO ENTER MODE 4 per O&C RCS Temp @ 181°F

1706 Commenced RCS HEATER TO 330°F

1747 ENTERED MODE 4

1810 *AI*

1817 *HS*

1845 Relieved by Howard Shuman LP Vanier

1846 NIGHT SHIFT ON RO N Shuman, BOP A. Sireat, Extra B Manley
Plant Status Mode 4, RCS Temp @ 210, PRZR Press @ 350 PSIA
RCPs 1, 3 & 4 on Both Trains RHR in Service, B' train LTON

1851 Started Motor Driven Fire Pump

1915 *2000*

2200 CSP 14001-1 Shift Area Temp Round Comp & SAT

1925 CSP 14000 T.S. Round's Comp & SAT

2400 LAST ENTRY

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

No 3358

Time THURSDAY

Date 4-12-90

0000 New DAY RCS temp @ 295° RCS pressure @ 350 PSI

0035 Pressurized SI Accumulators to 200 PSI

0127 Secured MVP #1

0134 Secured RHR train A

0010 RCS Ca @ 2405 PPM sampled at RHR (J Coffey)

0240 ISOLATED RHR A loop suction VALVE 1HV 8701B and
depressurized RHR A for performance of OSP 14450-1

0317 WMT #9 release to river started

0330 RCS temp @ 330°F, RCS press @ 350

0426 WMT #9 → River complete

0458 ~~_____~~ ~~_____~~ ~~_____~~

0501 ~~_____~~ ~~_____~~ ~~_____~~

0506 ~~_____~~ ~~_____~~ ~~_____~~

0555 ~~_____~~ ~~_____~~ ~~_____~~

0610 ~~_____~~ ~~_____~~ ~~_____~~

0620 ~~_____~~ ~~_____~~ ~~_____~~

0655 NIGHT Shift off: H Shuman relieved by P VANNIER, H Shuman

0655 DAY SHIFT ON: RO LPVANNIER BOP GACHUELITE

PLANT STATUS: Mode 4 330°F RCS Temp - 350 psia RCS Press. RCS 1,3,4 on

0715 TPCW Pump Motor #1 Started UN-coupled for V.I.B. Reading.

LE 0700 DISCONTINUED DATA SHEET 1 RCS/PRCA temperature & pressure - Temporarily
FOR HOLDING HEATER at 530°F for greater than 1 hour per 12001-2

0720 ENTERED LCO 1-90-455 ON MIDS

0800 mfp B TAKEN OFF TURNING gear

0830 BITUMING COMPLETE BAST ON RELINE for 10hr to sample BAST

0909 DG 1A PLACED in LOCAL for monitoring check

0936 TPCW Pump motor no.1 Stopped

0951 DG 1B PLACED in REMOTE

1016 MAIN TURBINE PLACED ON TURNING GEAR locally

1020 DG 1B STARTED per OSP 14450-1

1020 Start EHC B Stop EHC A

1034 DG 1B TIE BREAKER CLOSED

1045 OSP 14005-1 Complete & SAT. SDM FOR 340° = 6.27% D/K

1053 Start MVP #1

1113 RHR PUMP A STARTED & PLACED ON RHR LETTERMAN TRAIN A

LE 1025 ENTERED LCO 1-90-456 Seismic Monitor

1126 OSP 14005-1 Complete & SAT. for 1-HV-9385 N/B SERVIC AIR CMT. 1506.

1146 RHR PUMP B STOPPED for OSP 14450-1

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

No 5359

Time 12:00 Thursday

Date 4-12-90

1227

1228 DG ^{1B} ~~TA~~ ^{1B} OUTPUT BREAKER OPENED

1232 DG 1B STOPPED

1320 OSP 14470-1 Complete & SAT for D/G 1B

1524 MDARW PUMP B STARTED

LE 1458 MSIV BYPASS VALVES 13005A/B OPENED TO WARM MAIN STEAM LINES per 1200-C

1515 MDARW PUMP B STOPPED

1519 MDARW PUMP A STARTED

1524 MDARW PUMP A STOPPED

1550 MSIV BYPASS VALVES 13006A/B OPENED TO WARM MAIN STEAM LINES per 1200-C

LE 1530 CSP 14495 Complete & SAT

LE 1546 CSP 14748 Complete & SAT

1556 MSIV BYPASS VALVES 13007A/B & 13008A/B OPENED TO WARM MAIN STEAM LINES per 1200-C

1600 EMC PUMP 1 STARTED & EMC PUMP 2 STOPPED.

1621 CSP 14710-1 Complete & SAT. LV-459 & LV-460 Rerack SD. 18 mth Surveillance

1630 CSP 14225-1 Complete & SAT OPS Monthly Surveillance Log

1654

1655 → CHC →

1700 JSD

1704 CCE →

LE 1401 CSP 14000-1 Complete & SAT. Day Shift.

1724 RHR PUMP B STARTED TO FILL ACCUMULATORS

1741 NORMAN LTR PLUCKED IN SERVICE THAN MIXED 350 NO. 2

1745 A MDARW pump started

1746 B MDARW pump started

1755 ACCUMULATORS NO. 2 FILL complete

1812 → HS →

1815 → A1 →

1832 Day Shift off P VANNIER relieved by H Shuman. LE Vannier

1832 NIGHT SHIFT on R O H Shuman, BOB A Swart

Plant Status RCPs 1, 3, & 4 on RHR 'A' + B IN SERVICE

RHR 'A' train Aligned for LTDN, RHR 'B' Filling Accum #3

RCS @ 320°F + 350 PSI, ARI MSL @ 150°F

1838 started RCP #2 oil lift pump

1840 Started RCP #2

1841 Secured RCP #2 oil lift pump

1904 Started Electric fire pump

1915 OPENED MSIV BYPASS VALVES 13005-A B VALVES to continue MSL Head up

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

No 5360

Time

Date

4.12-90

1951 Started Mn Turb EBOP, Secured Mn Turb EBOP
1955 Started MEFT B EBOP, Shutdown Mn Turb EBOP.
2015 Started CRDM Fans #1 and #4
2044 Started Mn Turb EBOP
2057 10M
2120 Started CRDM coolers 1, 2, 5 & 6 in hi speed
2125 Stopped Mn Turb EBOP
2141 Stopped Accumulator #3 fill @ 50%
2156 BAST CB @ 7132 PPM sample @ 2130 hour by J. Coffey
2217 OSP ¹⁴⁰⁰⁰⁻¹ ~~14601~~ ¹⁴⁶⁰¹ Control Room TS Rounds Comp & S.H for Mode 3+4 < 1000 PSI
LE2200 OSP ~~14000~~ ¹⁴⁶⁰¹ ~~14601~~ Shift Temp Rounds Comp & SAT
2400 LAST ENT.

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

No 5361

Time 023 Friday

Date 4-13-90

0000 New Day mode 4

0007 Sampled SI Accumulators

0002 RHR TR B pump secured

0034 Pressurized SI Accumulators

0035 Started lithium addition to the VCT, divert letdown to VCT

0057 Lithium addition complete

0140 RCS CB @ 2392 PPM, sampled @ 2392 hours

SI Accumulators ICB @ 2159 PPM, sampled @ 0005 hours

SI Accumulators 2 CB @ 2365 PPM, sampled @ 2345 hours

SI Accumulator 3 CB @ 2395 PPM, sampled @ 0010 hours

SI Accumulator 4 CB @ 2388 PPM, Sampled @ 2355 hours

Notified by Jim Coffey

0210 Started throttling open MSIV Bypass control valves

0240 MSIV 1HV 3006 A Opened

0246 MSIV 1HV 3006 B Opened

0253 MSIV 1HV 3016 A Opened

0259 MSIV 1HV 3016 B Opened

0306 MSIV 1HV 3026 A Opened

0311 MSIV 1HV 3026 B Opened

0316 MSIV 1HV 3036 A Opened

0321 MSIV 1HV 3036 B Opened

0324 RE-006 INOP INFO LCO 1-90-4581

0344 Received Annunciator ALB13-EO3 "LO TAVG and R Trip

FW VALVES Closed" Alarm. All BFRV when shut, off

long cycle recirc. FWI signal generated during

performance of OSP-14703-1 ~~step 55-522~~ ^{4/13/90} which ^B 4/13/90

~~installs jumper across IABRTS terminals TB3-6 and~~ ^{RS} 4/13/90

~~TB3-12.~~ ^{4/13/90}

0350 USP 14001-1 Shift Area Temp Round Comp & SAT

0446 ~~to~~

0447 Secondary returned to long cycle recirc., Procedure
Revision Request form is being generated to add caution
statement to remove Condensate from long cycle prior
to performing surveillance 14703-1 because of the FWI
signal that will be received when P-4 is cleared and
reinstated below 564°

0502 ~~_____~~ RKP ~~_____~~

0505 ~~_____~~ JAB ~~_____~~

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

No 3362

Time ^{WTH} FRIDAY

Date 4-13-90

- 0507 CSP 14703-1 Rx Trip Pypers Bkr UV Trip TADOT BYB Test Comp. & SAT
- 0525 Placed Steam Dumps in operation in SHM Pressure Mode
- 0535 ~~_____~~
- 0556 ~~_____~~
- 0600 RHR 'A' place on Recirc
- 0622 ~~_____~~
- 0655 NIGHT SHIFT off: 11 Shuman relieved by P VANNIEW, K5L
- 0655 DAY SHIFT on: RO LEVANNIER BOB GA Ouellette
- PLANT STATUS: INDI 4 120 CPS RCS TEMP 330°F RCS PRESS 350 psig
Steam Dumps in service holding RCS temperature at
330°F Repurification in progress for mode 3 entry
- 0814 RHR LTOW via 021 TERMINATED
- 0806 BAST REMOVED FROM RECIRC per 13701-1
- 0807 RHR INLET TEMP less than 200°F
- 0949 CSP 14000-1 Complete & Safe 024 shift Mode 3 & 4
- 0952 RHR PUMP "A" STOPPED
- ~~0955 RHR PUMP "A" STOPPED~~
- 1005 CSP 14001-1 Complete & Safe for warm reading
- 1029 NOTIFIED BY STEVE BLOOM NRC OPERATIONS CENTER THAT ENS
Phone will be out for $\approx$ 1 MONTH.
- LE 1038 RHR ALIGNED FOR STANDBY READINESS
- 1052 PERMISSION GRANTED by 0303 TO ENTER MODE 3
- 1053 Commenced RCS Heatup to 360°F
- 1122 MODE 3 ENTERED
- 1136 Condensate placed on SHORT CYCLE RECIRC
- 1220 D/G 1A PLACED IN LOCAL FOR MOISTURE CHECK
- 1228 S/G LEVELS 1, 2, 3, 4 INCREASED TO 85% NR Per SO 1-90-10 FOR
RCS^{RTD} CROSS-CALIBRATION TEST GIVING A PLANNED FW ISOLATION SIGNAL
- 1255 D/G 1A PLACED IN REMOTE
- 1301 SIP A STARTED FOR STANDBY READINESS - SIP A STOPPED
- 1302 SIP B STARTED FOR STANDBY READINESS - SIP B STOPPED
- 1316 D/G 1A STARTED
- 1328 D/G 1A TIE BREAKER CLOSED
- 1347 SI WIPAS PLACED IN STANDBY READINESS per 13105-1
- LE 1306 Holding RCS TEMP @ 360° FOR RTD CROSS-CAL TEST
- 1407 Chemical addition to RCS complete
- 1408 Pressurization of Accumulators to 650 psig in progress
- 1447 CW Pump No. 4 Tagged OUT

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

No 5363

Time

Date

1512 INI-41 HI FLUX setpoint trip set at 50%
1520 DG 1A TIEBREAKER OPENED
1524 DG 1A STOPPED
1548 RE 2533A/B IN BLOCK
1549 INI-42 HI FLUX TRIP setpoint set at 50%
1552 Commenced Heatup to 435°F ± 10 and 925 psig ± 25
1557 RE 2532 IN BLOCK & RE 12116 IN BLOCK
1603 RE 12116 Taken Out of BLOCK & RE 12117 PLACED IN BLOCK
1605 INI-43 HI FLUX TRIP setpoint set at 50%
1606 Suspended Pressurizing Accumulation to RFA from tube trailer to storage
TANK - ACC. press @ 470 psig.
1609 RE 12117 placed back in service
1620 INI-44 HI FLUX TRIP set at 50%
1632 High Flux at Southern Alarm An I+ - notified to adjust
high flux at Southern alarm setpoint.
LE 1619 Excess LTR placed in service
1654 Excess LTR removed from service
1658 STOP
1700
1701
1701
1717 Commenced Pressurizing Accumulation to 650 psig per 15105-1
LE 1605 CSP 14001-1 Complete, set for 1000m readings
1756
1825
1835
1836 Pressurization of Accumulation complete - 640 psig
1845 Relieved by Harold Shuman LE Kanner
1845 NIGHT SHIFT ON RO H Shuman BCP A Sweet
Plant Status: Mode 3 RCS @ 430° & 925 PSI, 200 CPS
Stm dumps IN service, CCP A w/ 45 & 75 GPM
orifice IN
1850 S/G #4 increased 778° level per S.O. 1-90-10 for RCS RTD
Cross-Calibration test giving a planned FWI signal
1915 LAST S/G level WAS RAISED > 778° level per Standing Order 1-90-10
1932
1932 Started Electric Fire Pump
2003 CSP 14000-1 T.S. Round Comp & SAT

Georgia Power Company BT
Vogtle Electric Generating Plant
Unit 1 Control Log

No. 3364

Time W^{ed} FRIDAY

Date 4-13-90

2022 Lithium Addition to the VCT started
2200 OSP 14001-1 Shift Area temp rounds Comp & SAT
2003 OSP 14000-1 TS Rounds Comp & SAT
2250 OSP 14624-1 SSPS Slave Relay K616 SI/CR ISOLATION started
for train A ESF Chiller
2251 'A' ESF filtration for CR started
2326 Started Norm CR HVAC
2336 Placed BAST on Recirc for sample
2343 OSP 14624-1 Comp & SAT
2400 LAST ENTRY

Georgia Power Company *BIR*
Vogtle Electric Generating Plant
Unit 1 Control Log

No 5365

Time *WED* SATURDAY

Date 4-14-90

0003 NEW DAY Mode 3 *330* RCS @ 340 F @ 730 PSI
0004 OSP 14610-1 SSPS Slave Relay K602 'A' Comp & SAT
0057 OSP 14625-1 SSPS Slave Relay K651/CR ISOLATION
B TRAIN ESF Chiller started
0059 ESF Chiller train B tripped on high Condenser press
0123 NORMAL CR HVAC Started up
0146 OSP 14230-1 A.C. Source Verification Comp & SAT
0202 OSP 14625-1 SSPS Slave Relay K616 train B test Comp & SAT
0205 ESF Chiller train B left in stop for a manual purge
0239 Pressurized SI Accumulators
0314 OSP 14663-1 SSPS Slave Relay train B FWI Comp & SAT
0316 Condensate placed on long cycle
0305 RCS Co @ 2395 PPM (J. Coffey)
0323 Commenced heat up to normal operating pressure and temp
0354 OSP 14001-1 Temp Round Comp & SAT
0418 OSP 14235-1 ON SITE Power Dist Oper Verification Comp & SAT
0427 ~~_____~~
0445 Started ESF chiller B train for functional test
0500 ~~_____~~ JTG
0504 Started lithium addition to VCT
0505 ESF Chiller B tripped
0510 ~~_____~~ ~~_____~~
0522 Started B Train ESF chiller and CR ESF filter
unit for functional test
0525 Placed Excess letdown in service
0614 ~~_____~~ full
0620 ~~_____~~ ~~_____~~
0630 Secured Electric fire Pump
0651 NIGHT SHIFT OFF: H Shuman relieved by F. Howard, H. Selman
0651 DAY SHIFT ON: RO: F. Howard, Bop: H. Bishop,
OSC: J. Gasser, USS: T. Polito, SSS: S. White.
PLANT STATUS: Mode 3, RCS @ 510 F, RCS press @ 1650 psi,
RCS Co @ 2395 ppm, HEAT UP TO NRP/NOT IN PROGRESS,
RX PUR @ 250 CPS, & EXCESS LETDOWN IN SERVICE w/
NORMAL LETDOWN.
0817 RWST SLUDGE MIXING REMOVED FROM SERVICE TO SUPPORT
I & C TESTING.
0820 REMOVED EXCESS LETDOWN FROM SERVICE.

Georgia Power Company ³⁴
Vogtle Electric Generating Plant
Unit 1 Control Log

WPI

N^o 5366

Time ^{WPI}

Date

4-14-90

SAT.

0845 RCS pressure @ 2235 psig.
0855 Closing MSIVs to increase RCS heat-up rate. MSIV bypass valves left open.
0905 RCS pressure @ 2250 psig. for RCS hydro inspection inside crnt.
0910 OSP-14005-1 (shutdown margin) complete & sat. (5.68%)
0932 CONDENSATE SYSTEM REMOVED FROM LONG CYCLE RECIRC.
0939 RWST SLUDGE MIXING Sys. returned to service. I & C testing complete.
0951 OSP-14001-1 (Temp ROUNN) complete & sat.
1011 STARTED SI pump 'A' to support SURV. TESTING (14450-1).
1012 OSP-14000-1 (T.S. ECDN) complete & sat w/ exception of RCS leak rate calc.
1045 OSP-14601-1 Sect. R (ESFAS TR. B BLACK TEST) complete & sat.
10105 HIGH FLUX AT SHUTDOWN ALARM IN. RCS heat up continuing. S/D margin sat pwr 14005-1. I & C notified to RESET BACKGROUND. HIGH FLUX AT S/D ALARM BLOCKED UNTIL BACKGROUND COUNTS RESET BY I & C.
1117 STOPPED SI pump 'A'.
1121 RCS DILUTED 1550 gal.
1130 EXCESS LITHIUM PLACED IN SERVICE.
1230 DILUTED RCS 1550 gal.
1308 STARTED SI pump 'A' FOR ENG WALK DOWN OF SYSTEM.
1331 OSP-14423-1 (SR ACCT on NI 31) complete & sat.
1339 OPENED ALL MSIVs. ALL SG LEVELS > 80% IN PREPARATION FOR RTD CROSS-CAL. ENG. TEST.
1426 ADDING LITHIUM TO RCS.
141422 STOPPED TR. 'B' CR FILT. UNIT & ESF CHILLER.
1446 Lithium addition to RCS complete.
1503 STOPPED SI pump 'A'.
1508 OSP-14970-1 (Hz. Reconn. Funct. TEST) complete & sat.
15156 OSP-14450-1 (RCS PIV LEAK TEST) complete & sat.
1544 OSP-14423-1 (SR ACCT on NI-32) complete & sat.
1548 RCS LEAKAGE INSPECTION (14910-1) complete & sat.
1550 OSP-14225-1 (Ops WRLY SURV. Modes 3 & 4) complete & PARTIALLY SAT. (BAST @ 65%).
1559 JEM
1706 JEM
1707 JEM

Georgia Power Company B1
Vogtle Electric Generating Plant
Unit 1 Control Log

N^o 5367

Time

Date 4/14/90

1704 OSP-14703-1 (BYPASS RX TRIP OKR TEST) complete & sat.

1707 OSP-14905-1 (RCS leak rate calc) complete & sat.

IDENTIFIED = 0.53 gpm, IDENTIFIED = 0.12 gpm, CAVO TK = 0.07 gpm.

1717 WPS

1718 REQUESTED RCS C_B sample from chemistry (T. Cannon) -

1700 PRESSURIZED SI ACCUMULATORS TO 640 psig.

1730 CONDENSATE SYSTEM PLACED ON LONG CYCLE RECIRC.

1744 H₂ REGULATOR VALVED IN FOR VCT GAS CONTROL PER
13007-1.

1704 NOTIFIED BY CHEMISTRY THAT BAST C_B = 7200 ppm (@ 1030 CSD)
AND RWST C_A = 2471 ppm (@ 0748) per Red Hamill.

1800 WPS

1512 "RCP FRAME VIB. ALERT" AND "RCP SHAFT HI VIB" ALARMS IN.
OPERATOR REPORTS THAT ALL VIB. READINGS ARE SAT &
ALARM RESET.

1518

1720 NOTIFIED BY CHEMISTRY (WIDNER) THAT RCS C_B = 2337 ppm.

1846 Relieved by L. Hightower.

1846 Night Shift on - Laura Hightower 100 Eddie Brown 13012.

Robert Kowalski Skills. Plant Status: 11000 3 NOPT AT ARI
RCS C_B 2337 ppm, 500 ops, excess letdown removal from SW.

1916 CSP 14000-1 Tech Spec Rounds for 11000 3 complete & sat

1934 Diluted RCS 1600 gallons

1948 CSP 14004-1 50PS Slave Relay K617 Trn A SI Test complete
& sat

2014 Dennis Widner, chemistry, reports sample taken at
20:10 revealed 2255 ppm RCS boron concentration.

2036 started MIG Set A

2051 Chemistry (Widner) reports RCS C_B = 2228 ppm per 2040 sample

2101 Borated RCS 300 gallons

2111 CSP 14001-1 (Temp Rounds) complete & sat

2127 Chemistry (Widner) reports RCS C_B = 2232 per 2110 sample

2140 Reset MFP A for TADOT

2200 Chemistry (Widner) reports RCS boron 2283 ppm, sample
taken at 2150 hours.

2212 AFW Auto Start MFP Trip Relay Cntl Pwr fuses installed

2225 Chemistry (Widner) reports RCS C_B = 2245 ppm per 2225 sample

2304 Borated 50 gallons

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

No. 5368

Time

Wth

Day

Date

April 14, 1990

2305 Started CRDM-run 3

2306 COP 10850-1 D.S. 7 complete & sat

LE2305 WMT #9 → River started

2324 Placed IUG in suc (Recomb 1)

2335 Chemistry (Lee) Reports RCS Cb = 2258 per 2320 sample

2335 Located RCS 60 gallons

2342 Reset MFP 3 for TADOT

2354 No further entries this date

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

No. 3369

Time 023

Sunday

Date April 15, 1990

- 0001 New day, Happy Easter.
- 0017 NMT #1 → River complete
- 0022 Borated RCS 150 gallons
- 0028 Borated RCS 50 gallons
- 0056 Chemistry (W. daer) reports RCS CB = 2266 ppm per 0050 sample
- 0102 Borated RCS 150 gallons
- 0116 Started TDAFP for post-maintenance testing
- 0125 Chemistry (Cancer) reports RCS CB = 2275 ppm per 0120 sample
- 0129 Removed normal letdown from service
- 0133 W4 005 -- low H₂
- 0136 Added excess letdown in service
- 0138 Stopped TDAFP
- 0143 Started Aux CTB Ctrs 1 & 2
- 0147 Chemistry (Cancer) reports RCS CB = 2278 ppm per 0145 sample
- 0149 Closed RTBs for Red Drop Testing
- 0220 Withdrew SD Bank C to 228 steps
- 0228 Dropped SD Bank C
- 0239 Received RCP frame vibration alert & RCP shaft hi vibration; CID sent to investigate
- 0336 Vibration alarms reset; curve in on RCP 3. Shaft & frame readings are normal; will continue to monitor.
- 0240 Suspended Red drop testing. Apparently have a logic cabinet problem. When doing SDC, vibrator did not function properly & had problem collecting data on drop.
- 0323 CDP 14228-1 Monthly Logs complete & sat
- 0320 CDP 14001-1 Temp Records complete & sat
- 0404 Started TDAFP
- 0422 _____ TRO?
- 0500 _____ RAW
- 0503 _____ JTG
- 0505 Stopped TDAFP
- 0504 CDP 14424-1 Intermediate Range ACOT complete & sat for NI 35
- 0517 CDP 1424-1 Intermediate Range ACOT complete & sat for NI 36
- 0538 CDP 14748-1 complete & sat for TDAFP check vibs
- 0539 CDP 14546-1 TDAFP operability test complete & sat
- 0540 TDAFP aligned for standby readiness
- 0542 CDP 14810-1 TDAFP check vibs Insvc Test complete & sat
- 0615 _____ Full

Time 0700

SUNDAY Date 4/15/90

- 0618 2465
- 0630 Night shift off. Relieved by Fred Howard, Yanna Lightow
- 0630 DAY SHIFT ON - RO - F. HOWARD, BOP - H. BISHOP,
OSOS - J. GASSER, USS - T. POLITO, SSS - S. WHITE.
PLANT STATUS - MODE 3, RX PWR @ 500 cps, ARI,
RCS Co = 2278 ppm, RCS temp = 557°F, RCS
PRESS. = 22.35, & EXCESS LETDOWN IN SERVICE.
- 0725 INVESTIGATING ROD CONTROL PROBLEM. RESET ROD CONTROL
START-UP SWITCH. INDIVIDUAL BANKS COULD BE WITHDRAWN
BY TOGGING THE IN-HOLD-OUT SWITCH. IND. BANKS
WERE WITHDRAWN 6 STEPS AND RE-INSERTED. OBSERVED
ELECTRONIC SPEED INDICATION ON A ^{ROD}SPEED INDICATOR (ISI-412).
SHUTDOWN ROD speed indicating 11 steps/min & CONTROL
RODS indicating 6 steps/min.
- 0730 PROBLEM w/ ROD CONTROL DETERMINED TO BE WIRES
LIFTED TO DEFECT AUTO ROD FUNCTION FOR ROD DROP
TESTING (per ENG PROC).
- 0735 AUTO ROD FUNCTION RE-ENABLED. ROD CONTROL SYSTEM
NOW FUNCTIONING PROPERLY.
- 0805 INITIATED RCS LITHIUM ADDITION.
- 0815 DSP 14601-1 (SECT. G) (ESIAS TR. 3 BURN TEST) complete &
set.
- 0825 RCS LITHIUM ADDITION TERMINATED.
- 0830 DSP-14601-1 (SECT. F) complete & set.
- 0859 INITIATED ENG. PROC 08006-C (Rod Drop Time Measurement).
TRIGGERED SPECIAL TEST EXCEPTION 3.10.5 FOR DRPI T.S. 3.1.3.3
- 0905 DSP-14005-1 (S/D MARGIN) complete & set. (5.6820 g/h)
- 0910 S/D BANK 'C' FULLY WITHDRAWN.
- 0930 S/D BANK 'C' DROPPED.
- 0950 S/D BANK 'D' FULLY WITHDRAWN.
- 0955 S/D BANK 'D' DROPPED.
- 1005 S/D BANK 'E' FULLY WITHDRAWN.
- 1054 DSP-14001-1 (TEMP. RUNS) complete & set.
- 1023 ^{TRIP} CTRL BANK 'A' FULLY WITHDRAWN.
- 1025 DSP 14000-1 (T.S. RUNS) complete & set.
- 1033 RECEIVED DRPI URGENT ALARM ON S/D BANK 'A' ROD P-12
AT 13 STEPS ON DEMAND COUNTERS. GW & RB ALARMS IN.
DRPI URGENT ALARM CLEARED AT 17 STEPS ON DEMAND COUNTER.

Time

Date

4-15-90

- 1035 RECEIVED DRPI URGENT ALARM ON S/D ROD P-12 AT 67 STEPS ON DEMAND COUNTERS. TOOK DRPI TO DATA 'B' ONLY AND PROPER INDICATION RETURNED. APPEARS TO BE DATA 'A' PROBLEM w/ ROD P-12.
- 1050 ENTERED INFO LCO ON DRPI DUE TO S/D ROD P-12.
- 1055 S/D BANK 'A' FULLY WITHDRAWN.
- 1121 S/D BANK 'A' DROPPED.
- 1135 CTRL BANK 'C' FULLY WITHDRAWN.
- 1141 CTRL BANK 'C' DROPPED.
- LE 1011 S/D BANK 'E' DROPPED.
- LE 1041 CTRL BANK 'A' DROPPED.
- 1125 CSP 14525-1 (P.R. LOW S.P. ACOT) COMPLETE & SAT.
- 1126 CSP 14925-1 (P.R. TRIP INTLKS.) COMPLETE & SAT.
- 1207 CTRL BANK 'B' FULLY WITHDRAWN.
- 1215 CTRL BANK 'B' DROPPED.
- 1227 RECEIVED DRPI URGENT ALARM ON S/D ROD C-7 AT 700 STEPS ON DEMAND COUNTERS. TOOK DRPI TO DATA 'A' ONLY AND PROPER INDICATION RETURNED. WRT PREVIOUSLY WRITTEN (#10450). APPEARS TO BE DATA 'B' PROBLEM w/ ROD C-7, ENTERED INFO.
- 1237 S/D BANK 'B' FULLY WITHDRAWN.
- 1241 S/D BANK 'B' DROPPED.
- 1355 CTRL BANK 'D' FULLY WITHDRAWN.
- 1303 CTRL BANK 'D' DROPPED.
- 1305 LITHIUM ADDITION STARTED.
- LE 1258 INI-41 REMOVED FROM SERVICE TO SUPPORT ENG TESTING.
- LE 1304 DG-1B TAKEN TO LOCAL FOR MOISTURE CHECK.
- 1310 LITHIUM ADDITION STOPPED.
- 1326 DG-1B RETURNED TO REMOTE CTRL.
- 1502 EHC pump B started & pump A stopped.
- 1506 MAIN TURBINE RESET.
- 1512 CSP 14001-1 COMPLETE & SAT FOR 1600.
- 1531 CSP 14424-1 (IR ACOT FOR NI-35) COMPLETE & SAT.
- 1551 NOTIFIED BY CHEMISTRY THAT RCS Cg = 2251 ppm AND PWR LIQUID Cg = 2260 ppm. (R. HARRELL).
- 1600 CSP 14424-1 (IR ACOT) COMPLETE & SAT.
- LE 1340 ENTERED LCO DUE TO IRE-13120 FAILURE.
- 1615 NOTIFIED BY RE ENG. THAT DROP TIME ON S/D BANK 'D' ROD L-3 IS UNSAT COMPARED TO DROP TIMES OF OTHER

Time WRS

Date 4-15-90

RODS IN THAT BANK.

1626 S/D BANK 'D' ROD L-3 FULLY WITHDRAWN. OTHER RODS IN THAT BANK DISCONNECTED.

1627 S/D ROD L-3 DROPPED.

1637 S/D ROD L-3 FULLY WITHDRAWN.

1638 S/D ROD L-3 DROPPED.

1646 S/D ROD L-3 FULLY WITHDRAWN.

1647 S/D ROD L-3 DROPPED.

1652 S/D ROD L-3 FULLY WITHDRAWN.

1653 S/D ROD L-3 DROPPED.

1657 WPS

1700 for

1658 S/D ROD L-3 FULLY WITHDRAWN.

1659 S/D ROD L-3 DROPPED.

1703 S/D ROD L-3 FULLY WITHDRAWN.

1704 S/D ROD L-3 DROPPED.

1720 Trip Time DATA REPORTED SAT. ON S/D ROD L-3. ALL RODS RE-CONNECTED ON S/D BANK 'D'.

1743 EXITED SPECIAL TEST EXCEPTION 3.10.5 FOR DRPI T.S. 313.3

1753 for

1815 for

1829 Relieved by L. Hightower fulthorpe

1829 Night Shift on. Laura Hightower - RO; Eddie Brown - BOP
Robert Rowland - SGWLC Plant Status: Mode 3; 500 cps; ART;
NOPBT; RCS CB = 2251 ppm; excess Ldn in SVC; Ldn oas
for leak repair; PR H flux trip set at 50%

1816 Mode 2 Entry authorized

1839 Manually Tripped Main Turbine

1918 O/S 14000-1 Tech spec Bouras complete & sat for Modes 1, 2, 3 & 4

192 WRS

1919 Started MG set B

1920 Surged MG set B to A

1943 SD Bank A fully withdrawn, 31-419 indicated 60 ppm throat pull

1948 SD Bank B fully withdrawn, 31-412 still indicating 60 ppm

1952 SD Bank C fully withdrawn

1956 SD Bank D fully withdrawn

1957 Chemistry (lecl) reports RCS CB = 2281 ppm per 1925 sample

Time 10:05

Sunday

Date April 15, 1990

2001 2D Bank E fully withdrawn

2023 Chemistry (Lee) reports RCS boron 2258 ppm and Pressurizer boron 2311, sample taken at 2010

2032 Commencing Re Startup; Entered Mode 2

2052 DSP 12002-C complete

2153 Chemistry (Lee) reports RCS CA = 2263 ppm & Per CA = 2252 per 2110 sample

2127 Started EHC Pump A

2128 Reset Main Turbine

2129 Stopped EHC Pump A

2130 Waste Gas in SVC

2134 CMP 14001-1 Temp Rounds complete & sat

2216 Commenced dilution @ 30 gpm (5736 galow/wtr)

2224 Chemistry (Wilder) reports RCS CA = 2267 ppm & Per CA = 2255 ppm per 2210 sample

2235 Reduced dilution flowrate to @ 23 gpm

2251 Diverted Excess letdown to RCDT

2309 DG1B in maintenance for moisture checks

2319 Increased dilution flowrate to @ 40 gpm

2327 Chemistry (Lee) reports RCS CA = 2260 ppm & Per CA = 2250 ppm per 2310 sample

2333 DG1B out of maintenance

2400 Started DG1B for performance of 14980-1

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

ENT

ONE

ONE

ONE

No

5374
LEV

Time

Monday

Date April 16, 1990

- 0001 New date
- 0014 Chemistry (Lee) reports RCS CB = 2201 ppm per 0010 sample
- 0021 Directed DGB to grid
- 0122 Continuing dilution at 40 gpm (additional 378 gallons)
- 0125 Chemistry (Lee) reports RCS CB = 2156 ppm & Per = 2199 ppm per 0110 sample
- 0136 Continuing dilution @ 40 gpm (1500 gallons)
- 0150 DGB output hkr open
- 0200 DGB shut down
- 0203 Chemistry (Lee) reports RCS CB = 2103 per 0200 sample
- 0215 Continuing dilution @ 40 gpm (1100 gallons)
- 0208 Chemistry (Lee) reports RCS CB = 2034 ppm & Per = 2116 ppm per 0215 sample
- 0235 CSP 14825-1 inservice value test for 1HV-5216 D complete and SAT
- 0245 Lee in chemistry reports samples taken at 0230 reveal RCS 2048 ppm and PER 2086 ppm.
- 0249 Excess letdown → VCT
- 0250 Stopped dilution
- 0255 Lee in chemistry reports boron RCS 2025 ppm and PER boron 2051 ppm per 0250 sample
- 0301 RK is critical
- 0308 Chemistry (Widner) reports RCS CB = 2028 ppm & Per = 2005 per 0300 sample
- 0333 Normal Letdown in service.
- 0336 Excess Letdown out of service
- 0345 Directed RCS 350 gallons
- 0350 Increased Letdown to 120 gpm
- 0353 CSP 14001-1 Temp Rounds complete & sat
- 0359 CSP 14980-1 DGB Operability Test complete & sat
- 0401 CSP 14825-1 complete & sat for 1HV-3578.
- 0400 Chemistry (Widner) reports RCS CB = 1994 per 0400 sample
- 0416 Directed RCS 200 gallons
- 0430 Directed RCS 200 gallons
- 0430
- 0456 JT6
- 0458 RAN
- 0502 Chemistry (Widner) reports RCS CB = 2013; Per = 2009 ppm per 0450 sample. VCT cover gas = 58% H₂; 0.45% O₂ & 56% N₂

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

EMT

RI No ⁵³⁷⁵
LN

Time

W5

Monday

Date

April 16, 1990

0600 POAH = 1.9×10^{-6}

0631

0625

-2185

0626 Chemistry (Williams) reports RCS Ca = 2043 ppm per glow stick

0644 Night Shift off. Relieved by Fred Howard, Yuma Lightower

0644 Day Shift on - RO - F. Howard, Bop - R. Bishop, Shift

Supt. - J. Castle, LSS - T. Polito, SSS - S. White.

C. Satter on shift for license activation.

0644 Plant Status - Mode 2, Rx power = 5×10^{-8} amps (IR),

RCS @ NEP/NET, RCS Ca = 2043 ppm, 3 CTRAL BK'D

@ 170 steps. Low power physics testing in progress.

0656 Chemistry reports that RCS Ca = 2033 ppm and PER Ca = 2043 ppm (JACORS).

0658 MAIN TURBINE HIGH VIBRATION TRIPS DISABLED.

0728 GEN GROUND FAULT DETECTOR DISABLED.

0730 Chemistry reports that RCS Ca = 2049 ppm and PER Ca = 2027 ppm (JACORS).

0800 Chem. reports that RCS Ca = 2034 ppm (JACORS).

0805 OSP-14005-1 (SDM FOR MODE 2) complete & sat

0815 Bypassed LETDOWN DEMINS per chemistry request (JACORS).

0907 Borated RCS 50 gal.

LE0905 INITIATED LITHIUM ADDITION TO RCS.

0925 STOPPED ^{per 4-16-90} LITHIUM ADDITION TO RCS.

0929 Borated RCS 50 gal.

0930 OSP-14001-1 (Temp ROUNDS) complete & sat.

LE0900 Chem. reports RCS Ca = 2024 ppm (Williams).

0931 OSP-14000-1 (T.S. ROUNDS) complete & sat.

0941 Borated RCS 50 gal.

0945 Notified by chem. that RCS Ca = 2044 ppm & PER Ca = 2045 ppm (Williams).

0955 Borated RCS 30 gal.

1007 Borated RCS 30 gal.

1015 Chem. reports RCS Ca = 2040 ppm & PER Ca = 2027 ppm (Williams).

1045 Chem. reports RCS Ca = 2050 ppm & PER Ca = 2037 ppm (Williams).

1110 Chem. reports RCS Ca = 2038 ppm (Williams).

1145 Chem. reports RCS Ca = 2038 ppm (Williams).

1313 GEN FIELD GROUND DETECTOR RE-ENABLED.

1517 MAIN TURB HIGH VIBRATION TRIPS RE-ENABLED.

Georgia Power Company ^{BT}
Vogtle Electric Generating Plant
Unit 1 Control Log

No 5376
LV

Emt

Date

4-16-90

Time

1330 Chem. reports RCS Co = 2045 ppm (bavrs) & PER Co = 2050 ppm.
1402 MFT B on TURNING gear.
1451 Chem. reports Hunt RCS Co = 2038 ppm & PER Co = 2039 ppm (Cooover).
1509 INITIATED DILUTION WITH MEASUREMENT OF SHUTDOWN BUNK 'B'.
1525 OSP-14001-1 (Temp. Rounds) complete & sat.
1555 MAIN GENERATOR PURGED w/ CO₂.
1558 Chem. reports that RCS Co = 2043 ppm and PER Co = 2047 (Jacobs).
1605 PIST SLUDGE MIXING REMOVED FROM SERVICE. MAINT. REPORTS OIL LEAK ON SLUDGE MIXING pump.
1640 Chem. reports RCS Co = 1997 ppm and PER Co = 1993 ppm (i' (C. LAUNT)).
1646 Set
1711 WPS
1725 Completed dilution of 3135 gal. S/D tank 'B' @ 46 steps.
1738 Diluted RCS 103 gal (3238 tot. l)
1739 Chem. reports Hunt RCS Co = 1965 ppm & PER Co = 1996 ppm (Wilker).
1755 ML
1757 B. RATED RCS 15 gal.
1807 Chem. reports that RCS Co = 1948 ppm (v. lfe).
1812 CP
1811 Chemistry (Carter) reports VCT H₂ = 79%
1830 Relieved by L Hightower. Flitoren
1830 Night shift ch. Laura Hightower - RO; Eddie Brown - BOP, Robert Rowland - SCWC. Plant Status: Mode 3, 7X10⁻⁸ EICA, Rv physics testing in progress. ARO but S/D B @ 13 steps
1851 CSP 14000-1 Tech spec Rounds complete & sat
1852 Chemistry (Lee) reports RCS = 1946 ppm & Per = 1971 ppm per 1830 sm.
1857 Chemistry (Lee) reports RCS H₂ = 18.8 %/kg per 1830 sample
1909 Tripped MFT B
1921 Chemistry (Wilker) reports RCS Co = 1955 & Per = 1963 per 1900 sample
2012 Steve Lee chemistry reports RCS Co 1958, PER Co 1955 ppm, sample taken at 2000 hours
2019 Chemistry (Lee) reports VCT H₂ = 87.3% & N₂ = 23% per 2000 sm
2036 Steve Lee chemistry reports RCS boron 1957 ppm

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EINT
11

No 5377

Time

Date

April 16, 1990

2112 Fred Wolf chemistry reports boron concentration for
RCS 1947 ppm and PWR 1950 ppm sample time 2100
2150 CSIP 14001-1 Temp Towers complete & set
2215 Russell Warden chemistry reports RCS Boron 1955 ppm
and PWR boron 1954 ppm - sample time 2200 hrs.
~~241000 No further entries~~

1497

Time

Date

Thursday

April 17, 1990

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4/18/90

ENT

ENT

1300 (CO reports urgent failure on SD bank E power cannot
9311 Operator reports Regulation Failure on Movable Gripper Coil
on SD Bank A, D/E indicated.
2322 Auxiliary winding monitoring reports res burn 1943 ppm and
pre burn 1945 ppm, sample taken at 2300 hr.
1630 (CO reports SD Bank B 10-100 steps from 29 steps to
nominate for SDE, 10-100 steps from 35 x 10³ → 1.8 x 10³
increased but 1.5 x 10³ per fix log.
1630 (CO reports no problem with Red Control, requested reset
of urgent alarm. Alarm reset
reinserted twice with no problems. Power @ 1510
4/17/90

MW

4/16/90

CMT

11-1

11-1

11-1

No 3379
LN

Time

WLB

Tuesday

Date

April 17, 1990

- 0001 New day
- 0000 18C reported no problems found with Red control; requested reset of Urgent Alarm. Alarm reset.
- 0026 Exercising 5D rank E using directions given in 18003-C; Withdrew to 10 steps & reinserted twice with no problems. Power at 1.5×10^{-5} EICA & stabilized.
- 0035 Chemistry (Lee) reports RCS Pb = 1947 ppm & Per = 1952 ppm per 0000 sample.
- 0048 Increasing power to 3.5×10^{-5} EICA to continue Red swaps for RxC.
- 0110 Fred Wolf chemistry reports RCS boron 1948 ppm and Pk boron 1945 ppm. Lithium was 2.67 %kg, H₂ was 24.1 %kg.
- 0208 DGA in maintenance for moisture checks
- 0205 started Electric Fire Pump for Grly Main Drain Testing
- 0239 DGA returned to operate
- 0240 Chemistry (Wilder) reports RCS Pb = 1959 per 0230 sample
- 0304 started DGA for performance of 1498C-1
- 0315 started DGA to grid
- 0318 Chemistry (Wilder) reports RCS = 1954 ppm & Per = 1940 ppm per 0300 sample
- 0346 Reduced letdown from 120 gpm → 75 gpm
- 0400 Low Power Physics testing complete
- 0358 LSP 14001-1 Temp Rounds complete & set
- 0413 Chemistry (Wilder) reports RCS Pb = 1950, Per 1950; VCT = 90.5% H₂, 0% O₂ & 9.5% N₂ per 0400 sample
- 0415 Increasing Pwr to 1-3% PR
- 0406 Power stable @ 1.3%
- 0437 T_{av} = 551°F; initiating 12003-C D.S.2
- 0438 Udn isolated on to R/R 1/1
- 0449 Letdown placed in service
- 0449 T_{av} = 551°F
- 0449 Fred Wolf chemistry reports RCS boron 1954 ppm
- 0450 NI-71 & Loop 1 AT restored
- 0453 UOF 12003-C complete
- 0453 Terminated 12003-C D.S.2
- 0501 TBI
- 0509 DGA off grid
- 0513 stopped DGA

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

ENT

No 3380
UP

Time

Date

April 17, 1990

0525 Chemistry (Lee) reports RCS $C_b = 1955$ & $P_{el} = 1945$ per CSO group
0523 Tripped N41 bistables per AOP (ACUT hasn't been done.)

1536

DM

0550 Randy Jones chemistry reports RCS boron 1955 ppm

0614

0624

0627

0601 Night Shift off. Relieved by Greg Wainwright. Julie Lightstone

0655 Day Shift on: RO - P. Wainwright BOP - D.R. Jenkins - C. Saiter on

Shift to License activation time. Plant status: mode 2, NOP, NOT

1.6% fix per, RCS boron 1955 ppm, CSO @ 44 steps

0815 CSP 14425-1 ACCT for N41 comp. + SAT.

0852 CSP 14425-1 ACCT for N44 comp + SAT.

0924 CSP 14425-1 D/C 1A operability test, complete + sat.

0955 CSP 14001-1 Temp Ramps, complete + SAT.

1017 3.5 hr. shell warming, soak started

1109 CSP 14405-1 RCS Leak Rate, complete + SAT., $LD = .15$ Wnd = .84 gpm

1112 CSP 14400-1 Tech Spec Ramps, complete + sat.

1254 CSP 14410-1 Control for gm. test for SDE, complete + sat.

1315 Condensate removed from long cycle recirc

1327 MFRT B RESET

1329 CSP 14286-1 MAIN TUB. Trip device can. test, complete + SAT.

1404 Shell warming & soak time complete, starting chest warming.

1405 INITIATED RAISING PUR to 4%

1407 STARTED MFRT 'A'

1517 swapped from AFW to BFRV's

1522 STEAM SEALS swapped to MAIN STEAM from Aux steam.

1523 ENTERED mode 1.

LE 1445 CSP 14994-1 MFRT 'A' steam admission valve movement verification, comp. + SAT

LE 1446 CSP 14993-1 MFRT 'A' L.O. sys test, comp + sat

LE 1446 CSP 14992-1 MFRT 'A' Trip mechanism test, complete + sat

LE 519 AFW STBY READINESS checklist 2 complete

1559 CSP 14001-1 Temp Ramps, complete + SAT.

1635 SBFO Lp 1, 2, 3 IN SERVICE.

Georgia Power Company
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Unit 1 Control Log

ENT

OK

DOV

8

No 5381

Time

Date

4-17-90

ASW

LE 1619 REACTOR Pwr Levelled @ 11%
1657 ~~Sett~~
1658 ~~WP-5~~
1701 SEED Lp4 IN SERVICE
1701 ~~yes~~
1710 OSP 14830-1 APX Quarterly IST, complete + sat.
1717 ~~514~~
1755 ~~23~~
1756 ~~114~~
1759 ECCS Accumulators pressurized to 68 psig.
1840 Relieved by L. Hightower, A. Wainwright
1840 Night Shift on. Laura Hightower - RO, Eddie Brown - BOF,
Robert Rowland - SGWCC. Plant Status: Mode 1, 11% RTP,
NOF&T. Ni H₂O set @ 50%, IRV 3030 T.O
1910 Chemistry (Verjell) reports SG #1 out of action level 2, all
SGs in action level 1
1953 OSP 14000-1 Tech Spec towards complete & sat
2059 Diluted RCS 50 gallons
2109 Commenced Lithium addition to RCS
2123 Started Mn & Resins Seal Cil Rumps
2138 Completed Lithium addition
2215 Diluted RCS 50 gallons
2257 Diluted RCS 50 gallons
LE 2100 OSP 14001-1 Temp Ramps complete & sat
2359 No further this date.

Georgia Power Company
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Ernt

SIR

No. 5382

Time

Date

April 18, 1990

BDW

0001 New day.

0050 Chemistry (Wolfe) reports RCS $C_B = 1953$ ppm per WCC sample

0103 Reset MFP B -- entered LCO

0118 Tripped MFP B -- exited LCO

0136 Chemistry reports SG #3 out of action lvl 1; SG 1, 2 & 4 in action lvl 1 for Sodium & SG 4 in action lvl 1 on sulfates (E. Woolley)

0150 Chemistry (Woolley) reports SG 2 out of action lvl 1; SG 1 in action lvl 1 on sodium; SG 4 in action lvl 1 on sodium & sulfates

0155 started Isoprase Bus Duct Clg.

0223 Diluted RCS 50 gallons

0305 Reset Main Turbine per Eng Proc 54848

0330 Tripped Main Turbine per Eng Proc 54848

0400 Placed MFP B on TG

0442 Reset Main Turbine per 54848

0444 Diluted RCS 50 gallons

0448 Tripped Main Turbine per 54848

0512 Chemistry reports out of action lvl 1 on all SGs on sulfates & in action lvl 1 on SG 1 & 4 for Sodium

0515 placed Main Turbine on TG

0516 Reset Main Turbine per 13500-1

0517 Diluted RCS 80 gallons

0540 CBP 14001-1 Temp Rounds complete & sat

0555 Diluted RCS 80 gallons

0600 MFP B off turning gear -- no indicator lights

0627 Diluted RCS 80 gallons

0630 Suspect blown fuses on MFP B TG -- Maintenance investigating

0633 Electric Fire Pump auto started

0644 Electric Fire Pump stopped

0657

BH

0654 Diluted RCS 80 gallons

0510

DNV

0530 Placed chest warning in SVC

0640 Diluted RCS 80 gallons

0545 Replaced fuses for MFP B TG & put it back on TG

0601 D22

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

ENT

05

WDS

AN#

5383

in

Time

1505

Date

April 18, 1990

0605 Diluted RCS 50 gal

0614

0615 DSP 14646-1 CS Trn A Slave Relay Test complete & sat

0616 Night Shift off. Relieved by Greg Wainwright, James Hightower

0627 Day Shift on. RC - Wainwright, Buf - DR Benkey - C. Salter

on shift to license activation. Plant status: mode 1, NIP, NIT.

RCS Room 1953 ppm, BFRV IN SERVICE, MEFT A IN SERVICE, CBN

by 125/124.

0643 RCS diluted 80 gal.

0643

WS

0652 SEED RETURN to Hotwell STOPPED.

0713 RCS diluted 90 gal.

0717 D/G IB taken to LOCAL control

0724 DSP 14000-1 Tech Spec Rounds, complete + sat.

0738 MEFT 'B' Reset

0739 MEFT 'B' tripped

0751 RCS diluted 50 gal.

0742 D/G IB back to normal mode.

0759 STOPPED IB D/G.

0805 LAD RESULTS TWO STEAM LINE WIRE SPEEDS LEAKING BY, ONE ON LOOP ONE, & ONE ON LOOP THREE, MAINT. TO INVESTIGATE.

0805 D/G IB back to GRID.

0821 RCS diluted 50 gal.

0840 STOPPED SJPE #2 on main steam, stopped SJPE #1, stopped MVP #1.

0901 RCS diluted 80 gal.

0915 DSP 14205-1 Plant Emergency signals test, complete, + sat.

0930 D/G IB removed from GRID.

0934 stopped D/G IB.

0943 DSP 14001-1 Temp Rounds, complete + SAT.

1009 DSP 14930-1 D/G IB operability test, comp. + sat.

1011 RCS diluted 50 gal.

1017 MAIN TURB. TRIPPED, ENTERED MODE 18011-C.

1105 RCS diluted 80 gal.

1116 MAIN TURB. Reset.

1130 RCS diluted 50 gal.

1200 DSP 14830-1 TEST, complete + sat.

1203 DSP 14553-7 CSF Room water + chiller flow, both verification.

EMT

Date

4-18-90

No

5384

4

Time

W25

RTW

1203 cont. complete + sat

1221 PIVKE PERE. TRIN A STARTED FOR 10 HR. RUN.

1230 D/G 1A TAKEN TO LOCAL MAINT. MODE FOR INSURANCE CHECK.

1242 RCS DILUTED 80 GAL.

1248 D/G 1A INSURANCE CHECK COMPLETE, D/G BACK TO NORMAL

1306 STARTED D/G 1A

1321 D/G 1A TIED TO GRID.

1324 RCS DILUTED 80 GAL.

1414 RCS DILUTED 80 GAL.

1446 MAIN TURB. TRIP, ENTERED 18011-1.

1453 D/G 1A REMOVED FROM GRID.

LE 1446 ENTERED 18011-1 FROM 1st TRIP OF MAIN TURB.

1453 EXITED 18011-1 FROM 2nd TRIP OF MAIN TURB.

1458 STOPPED D/G 1A.

1518 RCS DILUTED 80 GAL.

1523 CCS DEMONS NEEDED IN SINK PER C. HARRIS, CHEMISTRY

1549 OSP 14001-1 TEMP FOUND, COMPLETE + SAT.

1556 OSP 14980-1 COMPLETE + SAT. FOR D/G 1-A.

RCS RCS DILUTED 80 GAL.

1628 RCS DILUTED 80 GAL.

1655 MAIN TURB. TRIPPED - EXTENDED 18011-1, TRIPPED ON NEUTRAL OVER-CURRENT

1704 RCS DILUTED 80 GAL.

1714 W23

1715 OSP 14991 SEFT OVERSPEED TEST COMPLETE AND UNSAT. THE RESULTS WERE LESS THAN THE ACCEPTANCE CRITERIA, MORE CONSERVATIVE SO THE RESULTS ARE ACCEPTABLE PER GE. AND USE AS IS.

1720 710H

1735 CAC

1820 W25

1835 RCS DILUTED 80 GAL.

1838

1900 Relieved by A. Sweat, J. Wainwright

1900 Light shift on; RO Al Smith BOR B. H. Manning
Plant status Rx Power 11 1/2, RCS (a 1953pp,
Control rods Bank D 127 steps, NOT P

LE 1820 RCS (a 1884 pp

1931 RCS d. + J 80 GAL

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

DNV EMT WPC 512 No 5385

Time

LED

QV

Date

4-15-90

QW

2000 RCS CB 1888 ppm

2031 RCS diluted 50 Gals

2054 DSP-14000-1 CR Tech spec rounds complete: sat

2055 Station cooling returned to service (pump B)

2108 Main Turb. reset

2112 WMT #9 → River started

2113 RCS diluted 50 Gals

2200 DSP-14001-1 Tech spec Temp rounds complete: sat

2202 CMT min. gauge removed from service (Hicks)

2216 WMT #9 → River complete

2226 RCS diluted 50 Gals

LE 2235 RCS CB 1887 ppm

2245 Started Elect. Fire pump for maint main drain testing

2249 Main Turb. Tripped when PCB 161710 was closed
in ~~Panel~~ entered AOC-18011-C

2252 exited AOC-18011-C, plant conditions stable
Re Power 11.5%

LE 2230 Accumulation #1 Sample CB 2148 ppm

Accumulation Lvl's ILI-950 48% ILI-951 46%

2322 RCS diluted 50 Gals

2357 SCBD signal to WWRB to reduce Hotwell Lvl

0000 Lost entry this day

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

No 5386

Time 075

Date

9-19-90

BSW

0023 Chem. Lithium addition started
02251 DSP-14000-1 CURT Temp Set. on phase 12 of 25
complete: sat.
0043 Chem. Lithium Addition complete
0100 RCS CB 1899 ppm
0122 SGBD reduced to 50 GPM each side due to
flaring problems in the HDT's
0218 Chem. Lithium addition started
0227 Main Turb Reset
0241 started main turb chest warming
0266 Chem. Lithium addition complete
0314 DG IB auto started during performance of slave
Relay test DSP-14619-1
0340 RCS diluted 20 Gals
0343 DSO depressed the Reset from LOCA pushbutton
and CR operator performed "and A normal" DG
shutdown from CR per DSP-13145-1
0348 DSP-14001-1 Tech. spec temp rounds complete: sat.
0419 RCS diluted 20 Gals
0442 #1 RHUT → Unit I SFP xfer canal started
0458 piping phase filter unit #1 shutdown
0442 DSP-14515-1 piping penetration filter
operability test complete: sat.
0454 Started main turb roll up to 100 rpm
0500 Tripped main Turb manually when the
intercept vlv's 4, 5 & 6 failed to come open.
The reason they failed to come open was
intercept vlv's 1, 2 & 3 failed to go above
80% open. Entered AOS-18011-C
0502 exited AOS-18011-C plant stable at 11% power
0509 TSH
0514 TNU
0520 RCS diluted 30 Gals
0529 ~~_____~~
0518 DSP-14619-1 SFP slave relay SI Test complete: part sat.
0610 RCS diluted 40 Gals
0611 ~~_____~~

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

SIR WTS
EMT
200 Dim

No 3387

Time 0625

Date 4-19-90

BTW

- 0613 DSP 14803-1, complete + SAT, IST CCW #4.
- 0616
- 0625 (a) Sweat started by C. Khanna, 4th fl S
- 0626 Day shift on: RC - C. Khanna, 4th fl S - C. Salter
on shift for license activation. Plant status mode 1, 11%,
1199 rpm GRM, NOT, NSP, main turbine off line
- 0724 RCS diluted 30 gal.
- 0748 Rese + main turbine
- 0836 D/G IB in local control for moisture check.
- 0837 STARTED Roll of main turbine
- 0844 main turb @ 100 rpm.
- 0900 IB D/G back in Normal.
- 0901 DSP 14000-1 Tech Spec. Pumps, complete + sat.
- 0907 RCS diluted 30 gal.
- 0952 DSP 14001-1 Temp Pumps, complete + sat.
- 0954 STARTED IB D/G.
- 0957 Rolling main turbine
- 1005 Diesel fire #2 + Electric fire pump started, questioning Problem
- 1009 lowered level in PRT + cleared PRT High Press for 1304-1.
- 1010 D/G IB then to CRD
- 1025 CB Level 2+3 in smoke range
- 10100 Reported smoke in Level 2 control room.
- 1026 Smoke in Level 2 CB caused by heaters being turned on.
- 1038 RCS diluted 30 gal.
- 1040 Main turbine @ set speed of 1800 rpm.
- 1045 Diesel fire #2 + Electric fire pump shutdown
- 1125 DSP 14286-1 TURB. Trip device open, test, complete + sat.
- 1154 D/G IB ^{100%} Removal from Grid.
- 1158 D/G IB shutdown
- 1206 RCS diluted 30 gal.
- 1207 the cause for the fire pumps starting previously was caused by the energization of HVAC heaters on Level 3 CB, which caused them to give off smoke + activation of sprinklers causing the fire pumps to start.
- 1222 DSP 14990-1 Main Turb. Eng. oil pumps del. test, complete + test.
- 1245 DSP 14980-1 D/G IB capability test, complete + SAT.
- 1343 RCS diluted 30 gal.
- 1531 decrease TURB. speed from 1800 → 100 rpm

Georgia Power Company
Vogtle Electric Generating Plant
Unit 1 Control Log

No. 5388

Time 6:20

Date

4-19-90

MDW

1549 CSP 14000-1 Temp Rounds, complete + sat

1640 Main Turb. @ 100 Rpm.

1644 STARTED Main Turb. roll up to 1500 Rpm

1700 SSB

1711 Kellers EARTH filter for EHC placed in SERVICE.

1714 WPS

1716 CHC

1718 CCE

1738 idm

1759 inf

1810 AI

1821 Relieved by A. Sweet, J. Wainwright

1821 Light shift on R. Al Sweet Bar B. Moody
Plant stable, R. Power 11.5%, RCS CB 1899
Control rods back 'D' 126/125 steps, LWRP

1905 Manually selected FNB Post Accel. Filtr. Units,
"A" Train left in service for 10 hr run
per CSP-14014-C

1957 Pressurized Accumulators to 650 psig per SUP-1310S-1

2037 CSP-14000-1 Tech. spec. CR rounds complete; sat.

2112 CSP-14001-1 Tech. spec. Temp rounds complete; sat.

2114 CSP-14654-1 SPS slave relay test Train "A" CUE complete; sat

2122 Chen. reported all St. feedwater, Cond out of
Action Lvl 1

2142 Main Turb Tripped on overspeed, entered AOP-18011-C

2150 Exited AOP-18011-C plant stable at 11% power

2157 RESET Main Turb.

2200 DG-1A Air Comp #2 placed in off due to
failure to auto stop when purging air receiver.
Started two hr air receiver check per SS
#1 Receiver press 240 psig, #2 254 psig

2205 CSP-14652-1 SPS slave relay test Train "A" CUE complete; sat.

2242 Started Elect. fire pump for main drain testing

2358 OAO reported DG-1A Air Receiver press #1, 240 psig, #2, 240 psig

2000 Cont Entry this day