

DAVIS-BESSE DAILY STATUS

Frank Swanger
Ext 646

June 3, 1985
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DAVIS-BESSE STATION -

---The unit is in mode 3 with the RCS at 530°F after tripping on high turbine vibration via ARTs during turbine valve testing at 0605 Sunday, June 2, 1985.

---Trip anomalies include:

- Both MFPs tripped, cause undermined.
- Both AFW pumps started on SFRCS low level, but after being placed in manual, #1 AFW stuck at low speed stop. The problem appeared to be a bad governor clutch and a burned motor.
- A MSSV stuck, but reseated at approximately 950 psig.
- The main turbine wouldn't go on gear due to blown fuses.

---Damper HV5736 has been repaired.

---#2 SAC is idling, the Atlas diesel is carrying the load. #2 SAC tripped on motor overload on Saturday, June 1, 1985.

---RPS Ch. 4 has had the RCS flow filter module installed, but the output signal is noisy. Testing continues.

---Walt Rogers, Resident NRC Inspector, is going to attend Simulator Training in Chattanooga, Tennessee, the weeks of June 2 and June 9, 1985.

---Toledo Edison welcomes Scott Saunders, Assistant Engineer, Nuclear Facility Engineering. Scott started work at Davis-Besse last week.

DAVIS-BESSE WAREHOUSE HOURS:

First Shift

Monday - Friday - 7:30 a.m. - 4:00 p.m. - Lunch 11:30 a.m. - 12 noon

Second Shift

Monday - Friday - 3:30 p.m. - 11:30 p.m. - No lunch

No Saturday or Sunday Coverage

EDO FOR MAY 31 - JUNE 10 DAVE BURKETT - 698-2755
JUNE 10 - JUNE 17 DAVE HUFFMAN - 734-2745

NRC INSPECTOR ON DUTY - Walt Rogers - 882-4934 or
Don Koslof - 734-2952

To contact QC personnel on back shift and unscheduled hours, please see the QC coverage dated 5-6-85 in Generic Guidance Memorandum POL-25.

QUALITY ENGINEERING CALL-IN LIST:

Marty Beier - 898-0564
Todd Jardy - 691-4471
Paul Mainzer - 626-3438
Gene Berdyck - 798-5263

8507300001 850603
PDR ADOCK 05000346
P PDR

MATERIAL MANAGEMENT CALL-IN LIST:

Jim Kaufman - Home - 797-6215 Beeper - 88-153-206

QUALITY ASSURANCE/QUALITY ENGINEERING-

Quality Assurance is auditing D-B Station Electrical and Mechanical.

DAVIS-BESSE DAILY STATUS

June 4, 1985

Page 1

DAVIS-BESSE STATION -

---The unit is in mode 1 with the power level of about 10%. Startup is in progress.
---Shell and chest warming is in progress. Turbine roll is expected this morning.
---#1 AFP has been repaired. A broken pin on the governor clutch was found. The governor motor was replaced.
---It has been determined one MFT will be left in manual indefinitely after startup to decrease the likelihood of tripping both MFPs on a reactor trip.
---3000 hr PM is in progress on SAC #1.
---Water treatment demineralizer trains are no longer available due to reliefs that cannot be gagged. Currently we have 20,000-25,000 gallons of demin. water.
---Due to a damaged magnetrol deaerator #2 level control may be taken out of service for maintenance. This would require manual level control.
---Control room EVS train 1 is out of service for PMs.
---SW #3 is out of service for work on breaker ACDS. Pump is expected back later today.

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QUALITY ASSURANCE/QUALITY ENGINEERING-

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Quality Assurance is auditing D-B Station Electrical and Mechanical and NFED.

DAVIS-BESSE DAILY STATUS

June 5, 1985

Page 1

DAVIS-BESSE STATION -

---The unit is in mode 1 generating 390 megawatts electric net. Power is being held to troubleshoot the Main Feed Pump Control Oil Pressure problems.

---While the plant was at approximately 56% power last night, MFP #1 tripped. The pump is tripping after the standby oil pump is shutdown. Investigation is continuing.

---LSHH 405 for Deaerator #2 level control was fixed yesterday and has been returned to service.

---SW Pump #2 is out for PM's. SW Pump #3 has been returned to service.

---A relief valve on a water primary demineralizer train has been repaired.

---NI 1 is inoperable.

---Control Room EVS Train 1 is back.

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DAVIS-BESSE DAILY STATUS

June 6, 1985
Page 1

DAVIS-BESSE STATION -

---The unit is in 50% reactor power with a net electrical output of 410 megawatts. Power continues to be limited pending the Main Feed Pump Control Oil problem resolution. Additional instrumentation was installed on No. 1 Main Feedwater Pump last night to support continued vendor testing.

---Last night, Main Turbine Control Valve 1 drifted closed. The other valves opened to compensate, increasing electrical output by three to four megawatts.

---EDG #2 is out of service for PM's.

---An Expanded Functional test on AFW train 1-2 is being set up. Hopefully, data will be provided to end hanger/snubber problems.

---Troubleshooting on MFP #1 continues. Yesterday, the pump was induced to trip by starting and stopping the auxiliary lube oil pump. This induced a pressure spike in the system, presumably due to a check valve or pressure control valve problem. The cause of both MFP's tripping following the last reactor trip appears to be related to an overly fast RFR target speed setpoint.

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DAVIS-BESSE DAILY STATUS

June 7, 1985

Page 1

DAVIS-BESSE STATION -

---The unit is in Mode 1 generating 790 megawatts net. Power was increased from 390 megawatts net overnight after completion of troubleshooting on #1 Main Feedwater Pump Turbine.
---#1 Control Valve has been fixed and is open. Loose terminal connections were found.
---EDG #2 was returned to service after PMs.
---SW Pump #2 is back in service after PMs.
---Incores are inoperable.
---MFPT #2 is in manual to prevent RFR from possibly tripping. Both MFPs on a Rx trip.
---RTS Channel 4 tripped to install fix for RCS flow noise problem.
---MS349 FW Heater 6-2 Extraction NFV air line was fixed.
---Main Generator H₂ drop test in progress.

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June 7, 1985

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WEEKEND ON-CALL LIST:

I&C: Kent Yarger - 726-3772 Beeper - 534-7834

TECH. SECTION: Jacque Lingenfelter - 862-3549

C&HP: Mike Horne - 476-9056

Bill Frazer - 849-2857

OPS: Bill O'Connor - 698-2634

MAINT: Don Lee - 797-2901

DAVIS-BESSE DAILY STATUS

June 10, 1985

Page 1

DAVIS-BESSE STATION -

---The plant is in Mode 4. The reactor tripped Sunday morning at 0135 hours after runback due to the #1 Main Feedwater Pump tripping. The plant is currently being cooled down to Mode 5 to repair various equipment.

---The reactor tripped on RCS high pressure. After the trip, it was noted that the MSIVs had closed. SFRCS automatically was then actuated on SG Lo Level but was manually actuated on Lo MSL pressure by accident. The AFW pumps tripped on overspeed and AF599, 608 subsequently torqued out. The #1 AFW pump was reset and FW was reestablished to SG's along with the SUFP to No. 1 OTSG. RCS pressure increased during trip recovery to open the PORV several times. HPI was lined up in the piggyback mode. The #1 AFP was declared inoperable but was used in local manual control and the cooldown proceeded using the 2 AFW pumps and one SUFP.

---When AFW 1 was actuated, its suction swapped over to SW.

---Numerous problems have been experienced with the Aux. Boiler tripping.

---The yoke on SP13A2 (TBV) has been broken apparently due to a water slug.

---RCPs have been shut off. 240°F (Mode 4).

---Outage items:

- Testing of MSIV solenoids.
- MFP speed indication.
- Ch 2 Hi/Lo Level trip.
- AFP trip throttle valve linkages.
- Root cause of AFPT overspeeding.
- 235 # Desuperheater controller.
- Deaerator level trip.
- Cause of MSIV shutting.
- SPDS.
- Overspeed tripping of No. 1 MFP.
- NI-1.
- RE4598BA spiking.
- AF 599, AF 608 torquing out.
- SUFW valve would not respond to block.
- Engineering analysis of feeding dry OTSG with SUFW.

---Will leave vacuum on, and a bubble in the pressurizer.

---Toledo Edison welcomes James McNally who begins work this week in Davis-Besse Maintenance.

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June 10, 1985

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Quality Assurance is auditing Materials Management and Plant Operations Training.

DAVIS-BESSE DAILY STATUS

June 11, 1985

Page 1

DAVIS-BESSE STATION -

---The plant is in Mode 5 with the Reactor Coolant System at 110 degrees and 50 psig. The major outage work is on hold until the NRC arrives on site for their investigation, however, maintenance efforts are continuing. A National Inspection Examination Board will be investigating the events which occurred on Sunday.
---DH Loop 2 is ongoing through makeup and purification.
---The OTSGs are at wet layup levels, recircing chemicals.
---The turbine is off gear.
---Vacuum is broken.
---RE4598BA has been jumpered out to prevent tripping the CTRM ventilation.
---The circ water system will be shut down when residual chlorine levels drop off.
---Makeup and purification system is off.
---There is an intermittent ground on DCMSC 2.
---The Aux. Boiler is shutdown.
---CTMT Purge is in progress.
---SAC #1 still remains out of service.
---Condensate pump is on.

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NUCLEAR SERVICES DIVISION-

The American Nuclear Insurers will be here for a Semiannual Liability Insurance Inspection on June 11, 12, and 13.

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DAVIS-BESSE DAILY STATUS

June 17, 1985

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DAVIS-BESSE STATION -

---The plant is in Mode 5 with the Reactor Coolant System at 60 psig and 120°F. Operator interviews by the NRC Fact Finding Team are ongoing. The first action plan covering work on the Auxiliary Feedwater System valve problem analysis was approved on Friday and work will start today. One additional action plan will be presented today.

---DH Loop #2 on through MU&P.

---The deep end of the Circ. Water Canal is being drained.

---Maintenance in containment is to commence today. Containment work will be on day shift only. Personnel Hatch inner door interlock defeated.

---Normal HA flowpath from BAAT's is inoperable due to work on HA check valves.

---RCS flow transmitters for RPS Channels 3 and 4 are being recalibrated.

---Mode 5 STs should be performed, however, prior notice to John Wood, Project Manager for Restart, is requested if possible on systems on NRC hold. These systems are: MFPT's and controls, SFRCS, AFPT's and controls, AFP SW suction transfer scheme, SP7A and controls, TBV SP13A2, MSIV's and controls, MSSV's, PORV and controls, and Source Range NI's.

---Station Outage Coordinators are Andy Horvath, Ed Radabaugh, and Brian Ewing.

Caution must be utilized on the Fifth Floor and Southeast corner of the Station while the Office Building roof replacement is in progress. The corner by the Maintenance Shop has been barricaded due to the dust/debris and overhead hoisting being done.

The Maintenance Shop rollup door should also remain closed between 0700-1000 hours during the main disposal of the old roofing particles. Project is expected to last two weeks.

Toledo Edison and the Nuclear Mission welcome employees beginning work this week: Scott Delicate, Nuclear Projects Manager, Nuclear Projects; Mike Chain, Senior Maintenance Planner; and Gary Struck, Apprentice Power Plant Repairman, Davis-Besse Maintenance; Ron Arthur, Student Employee, Environmental Monitoring; and Mark Layton, Co-op Student, Licensing.

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EDO FOR JUNE 10 - JUNE 17 DAVE HUFFMAN - 734-2745

EDO FOR JUNE 17 - JUNE 24 DENNIS GORDON - 635-2252

NRC INSPECTOR ON DUTY - Walt Rogers - 882-4934 or
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General Inspection Guidelines

1. Review the licensee's Guidelines to Action Item Lead Individuals.
2. Review specific action plan assigned to you.
3. Determine if maintenance personnel have been properly briefed.
4. Confirm that the person assigned to do the work is qualified and is at the job site.
5. Ensure that proper communications have been established between the person assigned and the individual having prime responsibility.
6. Confirm that the proper procedures are at the job site and are being used.
7. Ensure that the licensee is working within the guidelines specified in Item 1 above.
 - a. Determine that MWO's have proper review and approval and are adequate to do work.
 - b. Determine current drawings and controlled vendor manuals are used.

NOTE: To satisfy this item, document the drawing revision and vendor manual date or revision and compare them against the control copy.
 - c. Ensure all "as found" conditions are documented on the MWO.
 - d. Ensure that all results of the investigation are clearly documented on the MWO.
 - e. Assure personnel work within the guidelines of the MWO.
8. Determine that the licensee has proper control of any equipment that is removed for shipment or replacement.
 - a. Properly identified such as tagging or marking.
 - b. Hold area.

SEE

APERTURE

CARDS

*OVERSIZED DRAWINGS

(ADDITIONAL DOCUMENT PAGES FOLLOW)

8507300002

- APERTURE CARD NO. 8507300004

AVAILABILITY PDR CF HOLD

NUMBERS OF PAGES. 2