

Enclosure 3

Replacement Pages
for
December 1993 Monthly Operating Report

Pages to be Replaced

E1-1a

E1-1b

Page to be Added

E1-1c

PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321

DATE: JANUARY 5, 1994

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

DECEMBER 1 0000 Shift continued to maintain rated thermal power.

DECEMBER 7 0602 An automatic reactor scram occurred due to a low reactor vessel water level signal. The low reactor vessel water level was caused by a trip of the "A" Reactor Feedwater Pump (RFP) and a failure of the Reactor Recirculation Pumps to runback to the No. 2 Speed Limiter as designed.

DECEMBER 9 1437 Shift began withdrawing control rods for unit startup.

DECEMBER 9 1805 Shift brought the reactor critical.

DECEMBER 10 1310 Shift tied the unit to the grid and initiated ascension to rated thermal power.

DECEMBER 11 1048 Rated thermal power was attained.

DECEMBER 11 1511 Shift began reducing load to approximately 720 GMWe to remove the "C" Condensate Pump from service to investigate failure of the pump to develop adequate discharge pressure.

DECEMBER 11 2335 Shift began ascension to rated thermal power.

DECEMBER 12 0017 Rated thermal power was attained.

DECEMBER 12 1025 While attempting to isolate "C" Condensate Pump, condensate header pressure decreased from 144 psig to 115 psig. Operators had locally opened the vent on Pump "C". System effluent low pressure occurred, and Steam Jet Air Ejector (SJAE) "A" suction valve 1N22-F505A started closing. Shift reduced load to approximately 740 GMWe in response to the decreasing pressure. Operators reclosed the vent valve, condensate pressure increased to 144 psig, and SJAE suction was re-established.

DECEMBER 12 1245 The "A" Reactor Feedpump Turbine (RFPT) removed itself from service. The Recirculation Pumps ran back as expected, and the unit was stabilized at approximately 450 GMWe. Instrumentation & Control technicians discovered that a control board for the local Reversing Motor Controller had failed and would not produce an output signal for the "A" RFPT Motor Gear Unit.

DECEMBER 12 2230 Repair of the "A" RFPT was completed, and shift personnel began ascension to rated thermal power.

DECEMBER 13 0445 Shift halted power ascension at approximately 99% of rated thermal power to maintain proper condensate system effluent pressure while the "C" Condensate Pump was out of service.

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DECEMBER 18 2135 Shift began reducing load to approximately 610 GMWe to perform Turbine Control Valve and Turbine Bypass Valve Testing, and to backwash and precoat the Condensate Demineralizers.

DECEMBER 19 0212 Shift began ascension to approximately 99% of rated thermal power to maintain proper condensate system effluent pressure.

DECEMBER 19 0610 Shift returned the unit to 99% of rated thermal power.

DECEMBER 21 1402 Repair of the "C" Condensate Pump was completed.

DECEMBER 21 1445 Shift increased power to 100% of rated thermal power.

DECEMBER 24 0624 The "A" Condensate Booster Pump and the "A" RFP tripped. The Reactor Recirculation pumps ran back as expected, and the "B" Condensate Booster Pump started automatically as designed. The unit stabilized at approximately 56% of rated thermal power. Investigation revealed that a blockage near the Demineralizer Outlet Header Block Valve 1N21-F253 that prevented adequate feed water flow to maintain rated thermal power.

DECEMBER 25 2015 Shift began reducing load for unit shutdown to repair 1N22-F253.

DECEMBER 26 0044 The Main Generator was taken off line.

DECEMBER 26 0109 A manual scram was initiated, and the unit was taken to a hot shutdown condition.

DECEMBER 27 2350 Repair of valve 1N22-F253 was completed and shift began withdrawing control rods for unit startup.

DECEMBER 28 0225 Shift brought the reactor critical.

DECEMBER 28 1510 Shift tied the unit to the grid and initiated ascension to rated thermal power.

DECEMBER 29 0900 Rated thermal power was attained.

DECEMBER 29 1418 Shift began reducing load to approximately 400 GMWe to repair a steam leak on Reheat Steam High Load Valve 1N38-F103B.

DECEMBER 29 2125 The leak on 1N38-F103B could not be stopped. A management decision was made to return the unit to rated thermal power.

DECEMBER 30 0114 The unit attained rated thermal power.

DECEMBER 31 2008 Shift began reducing load to approximately 400 GMWe to repair a steam leak on Reheat Steam High Load Valve 1N38-F103B.

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DECEMBER 31 2400 Shift continued activities associated with repairing the steam leak on Reheat Steam High Load Valve 1N38-F103B.

E1-1c