

I. OPERATIONS SUMMARYA. Changes in Facility Design

1. The following changes did not require prior commission approval but were reviewed by PORC. It was agreed that each did not involve any unreviewed safety questions as defined in 10CFR50.59(a)(2) based on the information presented.

a) PDCR 80-05, RCIC Auto Restart

PDCR 80-05 was completed on 1/25/82.

This PDCR modified the RCIC trip/throttle valve so that it would automatically reset when the RCIC System trips on high reactor water level. The RCIC would then be ready to be initiated manually or automatically. This capability is a commitment to NUREG-0737, Item II.K.3.13.

b) PDCR 81-08, RWCU Sampling System Modifications

PDCR 81-08 was completed 1/22/82.

The PDCR was designed to help limit trace Cobalt originating in the Sampling System. Existing sample root valves were replaced with valves utilizing Nitronic 60 Discs, bonnets and seats in the RWCU, Condensate, and Feedwater Sampling Systems. A new sample point was added to the RWCU System, stainless steel sampling lines were replaced with titanium lines and three new sampling panels and instrument racks were installed in support of the ongoing EPRI Program to collect data on chemical changes in the Reactor Coolant System during plant operations.

c) PDCR 82-05, Purge and Vent Valve Limiters

PDCR 82-05 was completed 5/25/82.

This PDCR limits the maximum opening of SB16-19-6 to 40° and SB16-19-7 and 7A to 50°. This was done in response to an NRC question regarding the seismic qualifications of these valves and provides added assurance that the valves will close under accident conditions.

d) PAR 80-06, AOG Closed Loop Cooling Water System

PAR 80-06 was completed 7/20/82.

This PAR installed an air to water closed loop cooling water system in the Advanced Offgas (AOG) Building. This system will; 1) correct corrosion and silt deposition problems that currently exist in the AOG Service Water System, and b) replace the present service water cooling to AOG.

e) PAR 80-28, New Warehouse

PAR 80-28 was completed 2/22/82.

This PAR built the south wing of the plant complex that contains expanded receiving, shipping, and storage facilities, the plant Training Center, and offices for the Maintenance and Stores Departments.

f) PAR 80-32, Containment Inerting Instrumentation and Makeup Feed Line

PAR 80-32 was completed 5/1/82.

This PAR installed and/or modified existing plant equipment as required to supply nitrogen to applicable plant locations for the short term and transition to long-term inerting.

g) PAR 80-41, Technical Support Center (TSC) Radiation Monitoring

PAR 80-41 was completed 2/17/82.

This PAR installed four area radiation monitors and one cart mounted continuous air monitor in the location designated as the TSC.

h) PAR 81-17, Supplement 1, Standby Liquid Control (SLC) Cleanup System

PAR 81-17, Supplement 1, was completed 3/23/82.

This alteration installed a flow meter to the SLC test line to aid in periodic pump performance measurements.

i) PAR 81-31, Iodine Post-Accident Sampler

PAR 81-31 was completed 3/1/82.

This PAR installed a new iodine/particulate sampler in the Victoreen Room (Stack Base) behind lead shielding. The new sampler consists of a particulate filter and a silver zeolite cartridge with quick disconnects to minimize radiation exposure.

j) PAR 82-02, H<sub>2</sub> Seal Oil/Lube Oil Auto Actuation

PAR 82-02 was completed 7/28/82.

This PAR provided for the automation of the Fire Water Sprinkler Systems in the Lube Oil Room and H<sub>2</sub> Seal Oil Room. In addition, four sprinkler heads in the H<sub>2</sub> Seal Oil Room were replaced with fusible heads.

k) PAR 82-06, Oxygen Injection System

PAR 82-06 was completed 8/25/82.

This PAR addressed task 5 of EPRI 1934 Program, "BWR Radiation Control Plant Demonstration", which required the installation of an Oxygen Injection System. This system will regulate the dissolved oxygen concentration in the Feedwater System to a level of 100 ppb  $\pm$  10 ppb.

l) PAR 82-13, Fuel Pool Makeup Meter

PAR 82-13 was installed 6/22/82.

This PAR installed a flowmeter in the demineralized water line from service box number 11 to the spent fuel pool in order to provide direct indication to spent fuel pool makeup requirements.

m) MR 82-0836, Air Supply to the Respirator Fitting Room

MR 82-0836 was completed 1/12/83.

This Maintenance Request (MR) extended the plant Service Air System to the Respirator Fitting Room in the plant Training Center.

B. Tests or Experiments

1. The following tests or experiments did not require prior commission approval, but were reviewed by PORC. It was agreed that each did not involve any unreviewed safety questions as defined in 10CFR50.59(a)(2) based on the information presented.

STP 82-01, Control Room Air Inleakage Test

STP 82-01 was completed 6/18/82.

A special test was conducted to determine Control Room air inleakage. The test utilized a method which conforms to the ASTM Standard E-741-80, "Measure Air Leakage by the Tracer Dilution Method".

C. Safety and Relief Valve Failures and Challenges

During 1982 there were no challenges to, or failures of, the safety and relief valves.