\$ 771 LICENSEE EVENT REPORT UPDATE REPORT - PREVIOUS REPORT 010582 (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) 10) CONTROL BLOCK MNS2000-0000-0034111 CAT 58 5 |(4)|0 1 26 CON'T L 6 0 5 0 0 3 3 6 0 1 2 0 6 8 1 8 0 3 3 0 8 2 9 HEPORT 0 1 SOURCE EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) During the cooldown following a reactor shutdown, valve 2-RC-403, blocking valve for 0 2 PORV 2-RC-402, could not be opened. 2-RC-403 had been shut on September 28, 1981 03 (See LER 81-33). 2-RC-402 was declared inoperable, and the plant was operated in 0 4 accordance with Technical Specification Action Statement 3.4.9.3.a for 95 hours. 0 5 Similar events: None. 0 6 0 7 0 8 80 SYSTEM CAUSE COMP VALVE CAUSE SUBCODE COMPONENT CODE SUBCODE CODE (14 B Δ 0 9 10 12 13 REVISION OCCURRENCE REPORT SEQUENTIAL REPORT NO. CODE TYPE NO. EVENT YEAR LER RO 11 14 10 10 3 XI 181 10 REPORT NUMBER 31 72 28 30 26 COMPONENT NPRD-4 PRIME COMP. SUBMITTED EFFECT ON PLANT MANUFACTURER HOURS (22) SUPPLIER FORMSUB METHOD A 25 2 0 0 (26) 0 0 Y (23) LY 24 A (18) Z (20) 0 0 Z (21) Z (19) 33 40 47 CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) The valve operator motor was found to have failed electrically. The probable cause 10 was a failure of the torque switch assembly, resulting in excessive current being 1 1 applied to the motor. The motor torque switch and geared limit switch assemblies 1 2 were replaced and functionally tested. The valve operator is a Limitorque Type 1 3 SMB 000. 1 4 80 METHOD OF OTHER STATUS (30) FACILIT DISCOVERY DESCRIPTION (32) % POWER 0 (29) A (31) 0 01 Operator observation 1 5 80 CONTENT ACTIVITY LOCATION OF RELEASE (36) AMOUNT OF ACTIVITY (35 RELEASED OF RELEASE Z (34) NA (33) NA 6 80 44 45 10 11 FERSONNEL EXPOSURES DESCRIPTION (39) TYPE NUMBER 37 Z 38 0101 NA 0 1 7 80 PERSONNEL INJURIES DESCRIPTION (41 NA 0 0 0 (40) 1 8 80 11 LOSS OF OR DAMAGE TO FACILITY (43) DESCRIPTION NA 42 (42 1 9 NRC USE ONLY FUB 8204070329 820330 PDR ADOCK 05000336 111111111 2 0 5 PDR 68 69 80 10 PHONE (203) 447-1791 John Resetar NAME OF PREPARER

ATTACHMENT TO LER 81-40/3X-1 FACILITY OPERATING LICENSE NO. DPR-65 DOCKET NO. 50-336

Event Description and Probable Consequences

During the cooldown following a routine reactor shutdown for refueling, isolation valve 2-RC-403, blocking valve for the pressurizer power operated relief valve (PORV) 2-RC-402, could not be opened. 2-RC-403 had been previously shut to reduce reactor coolant system leakage on September 28, 1981. (See LER 81-33). 2-RC-402 was declared inoperable for the purpose of low temperature/ over pressure protection. The plant operated in accordance with Technical Specification Action Statement 3.4.9.3.a for 95 hours when an RCS vent greater than 1.3 square inches was opened. Similar events: none.

Cause Description and Corrective Actions

The valve operator motor for 2-RC-403 was found to have been burned out. While the exact cause cannot be determined, the original LER reported that the motor burnup was probably due to steam environment. Subsequent investigation has revealed a problem with the torque switch and geared limit switch assemblies. If the torque switch stuck, causing a locked rotor current to be applied to the motor, the motor would fail due to excessive current since the motor overload protection has been bypassed. Therefore the torque switch is considered to be the cause of the failure. Since the valve operated in the steam environment and isolated the leak without a problem, the steam may not have been the cause. The motor torque switch and geared limit switch gear box and panel assemblies were replaced and the operator functionally tested. The operator is a Limitorque Type SMB 000.