LICENSEE EVENT REPORT

	CONTROL BLOCK:
0 1	MITER PI 200 10 - 10 10 10 10 10 20 20 11 11 11 10 0 0 0
O 1	PEPORT LL (6 0 5 0 - 1 0 1 5 5 0 1 10 0 3 8 1 0 3 1 1 0 1 1 5 18 10 9 SOUNCE 50 61 DOCKET NUMBER 58 69 EVENT DATE 74 75 CEPORT DATE 80
0 2	During power operation on 9/27/30, a minor leak was observed at the
03	clean-up pump in the reactor clean-up demineralizer system. Power was
0 4	reduced to 35 MWE and the pump was isolated for replacement on 9/27/80.
0 5	No hazard to the public occurred. At least two similar failures have
06	occurred during plant life but evaluation at those times did not dictate
07	reportability. Reportable based on T/S 6.9.2.a(3).
0 8	
0 9	SYSTEM CAUSE CODE SUBCODE COMPONENT JODE COMP SUBCODE
	LERINO EVENT YEAR SEQUENTIAL SECUENTIAL SECU
	ACTION FUTURE COMP. SHUTDOWN HETHOD HOURS 22 ATTACHMENT NPRD PRIME COMP. COMPONENT MAPHUFACTURER SUPPLIER SUPPLIER MAPHUFACTURER SUPPLIER MAPHUFACTURER SUPPLIER SUPPLIER MAPHUFACTURER SUPPLIER
10	Subsequent investigation on 10/3/80 established reportability and re-
111	vealed that bearing failure of the canned rotor pump caused the rotor to
12	wear through the stator housing resulting in a leak estimated at about
13	200 milliliters per minute. Evaluation of the bearing failure is being
TI4	done to determine if other corrective measures are feasible.
15	STATUS STATUS 30 METMOD OF DISCOVERY DESCRIPTION 32 DISCOVERY DESCRIPTION 32 DISCOVERY DESCRIPTION 32
	CONTENT CONTENT BO LOCATION OF RELEASE (36) LZ 3 LZ 3 NA NA NA
7 8	PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION (39)
1 7	0 0 0 0 2 2 3 NA
1 8	PERSONNEL INJURIES NUMBER DESCRIPTION (41) O O O O NA
1 0	COSS OF OR DAMAGE TO FACILITY (4)
19	PUBLICITY (2)
210	NAC USE ONLY NA
	68 69 80

Attachment to LER 80-033-011-0 Consumers Power Company Big Rock Point Plant Docket 50-155

A minor leak at the outboard end of the can-ed rotor clean-up pump in the reactor demineralizer system was noted by the auxiliary operator during his routine rounds in containment at 0046 hours on 9/27/80. Plant output was reduced from 64 MWE to about 35 MWE to reduce radiation fields for manual isolation of the pump by valving in the reactor recirculating pump room. The pump was replaced and restored to operation at 2110 hours on 9/27/80. The pump represents a primary system boundary operating at 1350 psia and 90°F but the leak was believed to be at a gasketed fitting until bench checks on 10/3/80 revealed that bearing failure contributed to wear of the internal stator housing causing the leak estimated at 200 milliliters per minute.

In view of previous similar failures, the vendor is being consulted in relation to the bearing failure to determine if other corrective measures are feasible. The pump is a model GD $7\frac{1}{2}$ hp, 2500 psig design made by Chempump Division of Fostoria Corporation.

Leakage of primary fluid was confined to the radwaste collection system and no hazard to the public occurred Reportability is based on Technical Specification 6.9.2a(3).