

DUKE POWER COMPANY

P.O. BOX 33189
CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

April 7, 1983

Mr. James P. O'Reilly, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30303

Re: Oconee Nuclear Station
Docket No. 50-287

Dear Mr. O'Reilly:

Please find attached Reportable Occurrence Report RO-287/83-03. This report is submitted pursuant to Oconee Nuclear Station Technical Specification 6.6.2.1.b(2) which concerns operation in a degraded mode permitted by a limiting condition for operation, and describes an incident which is considered to be of no significance with respect to its effect on the health and safety of the public.

Very truly yours,

H.B. Tucker / BT

Hal B. Tucker

JCP/php
Attachment

cc: Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

INPO Records Center
Suite 1500
1100 Circle 75 Parkway
Atlanta, Georgia 30339

Mr. J. C. Bryant
NRC Resident Inspector
Oconee Nuclear Station

Mr. E. L. Conner, Jr.
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

8304220514 830407
PDR ADOCK 05000287
S PDR

OFFICIAL COPY

IE 22

03 APR 18 AID: 57

INPO RECORDS CENTER
ATLANTA, GEORGIA

Duke Power Company
Oconee Nuclear Station

Report Number: RO-287/83-03

Report Date: April 7, 1983

Occurrence Date: March 8, 1983

Facility: Oconee Unit 3, Seneca, South Carolina

Identification of Occurrence: Turbine Driven Emergency Feedwater Pump (TDEFWP)
Oil Sump found empty; TDEFWP declared inoperable

Conditions Prior to Occurrence: 100% FP

Description of Occurrence: On March 8, 1983 at approximately 2012, the Unit 3 TDEFDWP oil sump was found empty. This was discovered when it was noticed that the Lube Oil Purifier (LOP) was operating erratically with fluctuating discharge pressure, and was subsequently shut down. The oil transfer pump of the TDEFDWP supplies oil to the LOP feed pump at a pressure higher than the required suction pressure. Thus, the TDEFDWP was declared out of service (inoperable) and this placed Unit 3 in a degraded mode per Technical Specification 3.4.2.b.

Apparent Cause of Occurrence: This incident was caused by personnel error in that valve 3TO-42 (Feed Pump suction from the Main Turbine Oil Tank (MTOT)) was not closed properly. The sign-off included the closing of three valves but only one sign-off blank which probably contributed to the failure to close the valve.

Analysis of Occurrence: During the period of inoperability, both of the motor driven emergency feedwater pumps (MDEFDWP) were operable. If emergency feedwater had been required, the MDEFDWP could have supplied the water. Also, the TDEFDWP was returned to service within four hours, well within the time permitted by Technical Specification 3.4.2. Thus, the incident was of no significance with respect to safe operation, and the health and safety of the public were not affected.

Corrective Action: A complete valve lineup on the Turbine Oil valves was done. The TDEFDWP oil reservoir was refilled and the pump was declared operable. The person responsible has been counseled about his actions and appropriate disciplinary measures have been administered. The sign-off sheet for the MTOT purification procedure will be changed to include a separate sign-off blank for each valve positioned. This will be considered for other procedures affecting important equipment having sign-offs for multi-components. The procedure will also be changed to ensure all inlet and outlet oil tank valves are appropriately positioned prior to any oil purification.