

79-30-03L

DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

WILLIAM O. PARKER, JR.  
VICE PRESIDENT  
STEAM PRODUCTION

December 20, 1979

TELEPHONE: AREA 704  
373-4083

Mr. James P. O'Reilly, Director  
U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, Suite 3100  
Atlanta, GA 30303

Re: Oconee 3  
Docket No. 50-287

Dear Mr. O'Reilly:

On October 17, 1979, your office was informed of an incident which involved the spilling of some slightly contaminated water from the Low Pressure Injection (LPI) system. This report is submitted at your request in order to provide further details of the incident and the subsequent corrective actions.

On October 16, 1979, Oconee 3 was in cold shutdown when LPI loop B was realigned for service subsequent to valve maintenance. However, valve 3GWD-152, the LPI header B vent valve, was inadvertently left open, allowing approximately 1500 gallons of reactor coolant to spill into the west penetration room. Valve 3GWD-152 had been opened initially to aid in draining the LPI loop prior to performing the valve maintenance. Approximately 130 gallons escaped from the penetration room and flowed onto the ground near the Oconee 3 borated water storage tank. Prior to returning LPI loop B to service a check was made to assure that valve 3GWD-152 was closed, but the valve's handwheel was missing, so an attempt was made to turn the valve's stem. When the stem could not be moved, it was assumed that the valve was closed. During performance of double verification of valve alignment, the valve was found to be open and was closed, terminating the spill.

The activity of the water released was only  $2.25 \times 10^{-3}$   $\mu\text{C}/\text{ml}$ , and the spill was cleaned up to acceptable limits.

Dams have been constructed in the penetration rooms to prevent water from flowing outside. Permanent curbing will be installed in the rooms, and additional floor drains will be provided. At the time of the spill, verification of correct valve lineup was not required to be completed prior to returning a



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 AUTH. NAME: PARKER, W.O. AUTHOR AFFILIATION: Duke Power Co.  
 RECIP. NAME: RECIPIENT AFFILIATION:

DOCKET #  
 05000287

SUBJECT: PT 21 rept: on 791017, slightly contaminated water from LPIS  
 spilled into west penetration room. Caused by Valve 3GWD-152  
 being left open after servicing. Dams constructed in  
 penetration room.

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	07 I&E	3	3	10 AD PLANT SYS	1	1
	11 AUXIL SYS BR	2	2	13 QAB	1	1
	14 TA/EDO	1	1	15 PWR SYS BR	1	1
	16 PLANT SYS BR	2	2	18 OPER LIC BR	1	1
	AD FOR QA & O	1	0	DEYOUNG, R.	1	0
	DIRECTOR DOR	1	0	DIRECTOR DPM	1	0
	I&C SYS BR	1	0	MURANAKA, R.	1	0
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NUCLEAR REGULATORY COMMISSION  
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WRONG CODE  
NEEDS NEW PDR  
Mike

cc: DSB Files

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	14 TA/EDO	1	1	15 NOVAK/KNIEL	1	1
	16 EEB	1	1	17 AD FOR ENGR	1	1
	18 PLANT SYS BR	1	1	19 I&C SYS BR	1	1
	20 AD PLANT SYS	1	1	22 REAC SAFT BR	1	1
	23 ENGR BR	1	1	24 KREGER	1	1
	25 PWR SYS BR	1	1	26 AD/SITE ANAL	1	1
	27 OPERA LIC BR	1	1	28 ACIDENT ANALYS	1	1
	29 AUX SYS BR	1	1	E JORDAN/IE	1	1
	HANAUER, S.	1	1	R IRELAND	3	3
	STS GROUP LEADR	1	1			
EXTERNAL:	03 LPDR	1	1	04 NSIC	1	1
	29 ACRS	16	16			

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