



J. Phillip Bayne
Executive Vice President
Nuclear Generation

May 7, 1984
JPN-84-31

Director of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. Domenic B. Vassallo
Operating Reactors Branch No. 2
Division of Licensing

Subject: James A. FitzPatrick Nuclear Power Plant
Docket No. 50-333
NUREG-0737 Item II.K.3.3
Safety and Relief Valve Failures and Challenges

Dear Sir:

NUREG-0737 Item II.K.3.3 requires that challenges to safety and relief valves (SRVs) be reported on an annual basis.

Attachment 1 to this letter provides a report of challenges occurring between January 1, 1983 and December 31, 1983.

Attachment 2 provides a report of challenges occurring between January 1, 1982 and December 31, 1982. This report was inadvertently not transmitted previously.

If you have any further questions, please do not hesitate to contact us.

Very truly yours,

for *G.M. Wilverding*

J. P. Bayne
Executive Vice President
Nuclear Generation

cc: Office of the Resident Inspector
U. S. Nuclear Regulatory Commission
P. O. Box 136
Lycoming, New York 13093

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JAMES A. FITZPATRICK NUCLEAR POWER PLANT

Docket No. 50-333

May 7, 1984

JPN-84-31

Attachment 1

SAFETY RELIEF VALVE FAILURES AND CHALLENGES

1983

<u>Date</u>	<u>Valve</u>	<u>Challenges*</u>	<u>Failure</u>	<u>Remarks</u>
01/05/83	02-RV-71K	None	Yes	<ul style="list-style-type: none"> - Valve serial No. 1047 - Set-point 1105 ($\pm 1\%$) psig - Test at Wyle Laboratory revealed lift pressure of 1216 psig - Pilot disc and seat were refurbished, and tested satisfactorily at setpoint of 1140 ($\pm 1\%$) psig.
01/17/83	02-RV-71A	1 (operator)	No	
	02-RV-71G	1 (pressure)	No	
	02-RV-71H	2 (pressure)	No	
	02-RV-71J	1 (operator)	No	
	02-RV-71L	1 (pressure)	No	
	02-RV-71K	1 (pressure)	Incon- clusive	Valve Serial No. 1056 <ul style="list-style-type: none"> - Set point 1090 ($\pm 1\%$) psig - Examination of post trip log printout indicates peak reactor pressure of 1120 psig. - Subsequent test at Wyle Laboratory did not reveal any problem.
09/03/83	02-RV-71H	None	Yes	<ul style="list-style-type: none"> - Valve serial No. 1053 - Setpoint 1140 ($\pm 1\%$) psig - Valve solenoid failed to operate from remote SRV panel during surveillance test due to a ground fault in the DC control circuit. Valve, however, was fully operable from the control room, from ADS logic circuits and with respect to reactor pressure demand. Operated normally from remote SRV panel following correction of ground fault.

* operator - challenge caused by operator action
 pressure - challenge caused by system pressure

JAMES A. FITZPATRICK NUCLEAR POWER PLANT

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Attachment 2

SAFETY RELIEF VALVE FAILURES AND CHALLENGES

1982

<u>Date</u>	<u>Valve</u>	<u>Challenges*</u>	<u>Failure</u>	<u>Remarks</u>
10/18/82	02-RV-71D	None	Yes	- Valve serial No 1080 - Set point 1140 ($\pm 1\%$) psig - Test at Wyle Laboratory revealed lift pressure of 1204 psig. It was found that there was gross pilot leakage and pilot disc and seat were steam cut. Valve was refurbished and retested with satisfactory results with a setpoint of 1105 ($\pm 1\%$) psig.
12/16/82	02-RV-71A	1 (pressure)	No	
	02-RV-71J	1 (pressure)	No	
	02-RV-71J	1 (operator)	No	
	02-RV-71L	1 (pressure)	No	

- * operator - challenge caused by operator action
pressure - challenge caused by system pressure