

James A. FitzPatrick
Nuclear Power Plant
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Michael J. Colomb
Site Executive Officer

February 25, 1997
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United States Nuclear Regulatory Commission
Document Control Desk
Mail Station P1-137
Washington, D.C. 20555

SUBJECT: James A. FitzPatrick Nuclear Power Plant
Docket No. 50-333
Annual Report
Safety Relief Valve Challenges and Failures

- References:
1. LER-96-010, Plant Shutdown Due to Human Error
Inadvertently Connecting Two Terminals While Calibrating
Protective Relay
 2. LER-96-004, Multiple Safety Relief Valve Pilot Solenoid
Failures Due to Foreign Materials, Vendor Deficiencies, and
Procedural Errors

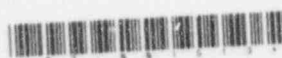
Dear Sir:

FitzPatrick Plant Technical Specification 6.9.A.2.b requires that the challenges to, and failures of, Safety Relief Valves (SRVs) be reported annually.

During the calendar year 1996, no challenges to SRVs from automatic control circuits (Automatic Depressurization System) occurred. One SRV opened, one time, for a period of approximately five seconds in response to a reactor pressure transient due to a main generator load reject trip while at 100 percent rated thermal power. The SRV response was normal. Refer to LER-96-010 (Reference 1) for additional information regarding the transient that resulted in the SRV opening in response to the reactor pressure transient.

During the calendar year 1996, there were 62 operator demand challenges to satisfy required Technical Specification surveillance, post-maintenance testing or reactor pressure control. On March 5, 1996, valve 02RV-71G (SRV G) failed to open on three attempts in response to operator demand during testing. This failure of SRV G to open on demand was the result of the use of excessive thread sealant (Loctite) during maintenance. Refer to LER-96-004 (Reference 2) for additional information.

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If you have any questions regarding this report, please contact Mr. Arthur Zaremba at (315) 349-6365.

Very truly yours,



MICHAEL J. COLOMB
Site Executive Officer

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cc: USNRC Regional Administrator
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