

James A. FitzPatrick
Nuclear Power Plant
P.O. Box 41
Lycoming, New York 13093
315 342-3840



William Fernandez II
Resident Manager

MAY 3, 1991
JAFP-91-0268

United State Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

SUBJECT: JAMES A. FITZPATRICK NUCLEAR POWER PLANT
DOCKET NO. 50-333
INSPECTION NO. 91-04

Gentlemen:

In accordance with the provisions of 10CFR2.201, we are submitting our response to Appendix A, Notice of Violation, transmitted by your letter dated April 3, 1991. This refers to the inspection conducted by Messrs. L. Prividy, J. Yerokun, R. Fuhrmeister and M. Buckley of your office on January 28 through February 1, 1991 at the James A. FitzPatrick Nuclear Power Plant.

NOTICE OF VIOLATION

As a result of the inspection conducted on January 28 through February 1, 1991, the following violation was identified:

Paragraph 6.8(A) of the James A. FitzPatrick Technical Specifications states, in part, "Written procedures and administrative policies shall be established, implemented, and maintained that meet or exceed the requirements and recommendations of section 5 "Facility Administrative Policies and Procedures" of ANSI 18.7-1972 and Appendix A of Regulatory Guide 1.33, November 1972". These procedures include those for repair, replacement and modification work.

New York Power Authority Modification Control Manual Procedure No. 4, "Nuclear Safety and Environmental Evaluations", provides requirements for the preparation, review and approval of all nuclear safety evaluations. The Safety Evaluation JAF-SE-88-019, for the repair of 13AOV-22, paragraph C.1.f states that "A new valve will be installed during the 1990 refueling outage or a fatigue analysis will be performed to evaluate the effect of the additional stress concentration on the operational life of the valve".

Contrary to the above, as of January 31, 1991, a new valve was not installed during the 1990 refueling outage nor was a fatigue analysis performed to evaluate the effect of the additional stress concentrations on the operation life of valve 13AOV-22, as stated in the above safety evaluation.

9105090224 910503
PDR ADOCK 05000333
Q PDR

IE01 Part No
10 P840 796051

United State Nuclear Regulatory Commission
Attn: Document Control Desk
SUBJECT: JAMES A. FITZPATRICK NPP
DOCKET NO. 50-333
INSPECTION NO. 91-04

May 3, 1991
JAFP-91-0268
Page 2

RESPONSE TO NOTICE OF VIOLATION

The Power Authority agrees with this finding. The fundamental cause of this violation was that the Nuclear Safety Evaluation commitment to either replace 13AOV-22 or perform a fatigue analysis was, in this case, not tracked by James A. FitzPatrick's (JAF's) Action Commitment Tracking System (ACTS). The ACTS is used to ensure that committed actions are completed in a timely manner. The omission of this item from the ACTS is an isolated incident.

The immediate corrective action for this violation was to perform a fatigue evaluation (Calculation number JAF-91-008, Rev. 1). This calculation conservatively calculated that a minimum of 450 thermal cycles are acceptable. Based on the expected number of plant heat up/cooldown and RCIC injection evolutions, this will not require any further actions to be taken for the life of the plant.

The permanent corrective action for this violation is to revise the procedure (MCM-4) used to prepare Nuclear Safety Evaluations to clearly identify when followup actions are required so they can be tracked. This will be completed by July 1, 1991.

The purpose of Nuclear Safety Evaluations (10CFR50.59) is to determine whether an unreviewed safety question exists. The consequences of a postulated failure of the weld repair in the pressure seal area of 13AOV-22 is no more severe than if there was a leaking seal. The valve pressure seal is not a code component. Furthermore, JAF's code of record (ANSI B31.1-1467) allows weld repairs without subsequent fatigue evaluation. Therefore, a failure to implement the recommended corrective actions stated in the Nuclear Safety Evaluation would still not involve an unreviewed safety question.

Very truly yours,

William Fernandez II
WILLIAM FERNANDEZ II
RESIDENT MANAGER

WF:TJH:sad

DISTRIBUTION:

Records Management - WPO
Victor Walz, Technical Services Superintendent
Joseph DeRoy, Maintenance Superintendent
NRC Resident Inspector
NRCI (#91-04) File
Document Control Center
NRC Region 1 Office - Attn: Jacque P. Durr

CERTIFIED MAIL - RETURN RECEIPT REQUESTED