



POWER AUTHORITY OF THE STATE OF NEW YORK  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

DOCKET NO. 50-333

ATTACHMENT TO LER -045/03L-0

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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

The fundamental cause of this event was the failure to update the FSAR for this item during the construction phases of the plant. This action would have updated the Technical Specifications because at that time it was part of the FSAR. The original design of the isolation signals for the reactor water sample valves included isolations for the following events:

1. Reactor vessel low level.
2. Main Steam Line high radiation.
3. Main Steam Line high flow.
4. Main Steam Line high temperature.
5. Main Steam Line low pressure.

Plant records indicate that in July, 1973, the NSSS supplier initiated a Field Disposition Instruction that eliminated all the isolations except Reactor Vessel Low Level and Main Steam Line High Radiation. This change was made for two reasons:

1. The other three signals are for Main Steam Line break conditions and should not have applied to the Reactor Water Sample Valves.
2. Ensures that reactor water sampling can be accomplished for the events involving the signals that were not appropriate to these valves.

The three signals that were removed do not apply to the sample valve therefore, the event has no adverse consequences.

CORRECTIVE ACTION

The immediate action was to keep the valves closed until the new Technical Specification is approved.

The permanent corrective action will be a Technical Specification submittal that corrects Table 3.7-1.