

FNP-1-EOP-15.0
May 10, 1983
Revision 6

FARLEY NUCLEAR PLANT
EMERGENCY OPERATING PROCEDURE
FNP-1-EOP-15.0

ANTICIPATED TRANSIENTS WITHOUT TRIP (ATWT)

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Approved:

By Mary
Operations Superintendent

Date Issued: 5/10/83

Diskette EOP-3

LIST OF EFFECTIVE PAGES

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FARLEY NUCLEAR PLANT
UNIT 1
EMERGENCY OPERATING PROCEDURE EOP-15.0

ANTICIPATED TRANSIENTS WITHOUT TRIP (ATWT)

1.0 Purpose

This procedure provides guidelines for operator action in the event a reactor trip and/or turbine trip does not occur automatically if either trip is required.

2.0 Symptoms

2.1 If entering this procedure from EOP-5 (Reactor Trip) AND any one of the following conditions exist (evaluate in the order given):

2.1.1 TSLB bistables tripped indication meeting the required coincidence for a reactor trip

or

2.1.2 Indicators having reached a reactor trip setpoint.

2.2 If entering this procedure because Nuclear Power is NOT decreasing and all full length rods are NOT fully inserted with a reactor trip being called for, as defined by:

2.2.1 TSLB Bistable tripped indication meeting the required coincidence for a reactor trip

or

2.2.2 Any condition requiring a reactor trip.

2.3 Failure to obtain a turbine trip following a turbine trip signal as indicated by the turbine throttle valves NOT closed.

3.0 Automatic Actions

None

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NOTE

When a step is completed place the operators initial or the value noted in the space provided in the left hand margin.

4.0 Immediate Operator Actions

4.1 Reactor does not trip:

_____ 4.1.1 Manually trip the reactor from the Main Control Board. IF not successful, then: open the supply breakers for the MG sets with main control board handswitches.

_____ 4.1.2 Go to local panel and manually open and rack out Reactor trip breakers and Reactor trip bypass breaker.

4.2 Turbine does not trip:

_____ 4.2.1 Attempt to manually trip the turbine from the Main Control Board. IF the turbine does not trip, then:

_____ 4.2.2 De-energize the E.H. Pumps 1A & 1B from the Main Control Board. Start all available auxiliary feed pumps and throttle as necessary to maintain S/G level in the narrow range. IF a turbine trip has not occurred, then:

_____ 4.2.3 Close the MSIV's.

5.0 Subsequent Operator Actions

_____ 5.1 IF following an automatic turbine trip signal, the turbine does not trip and causes an uncontrolled cooldown, emergency borate in accordance with EOP-6.0.

_____ 5.2 When a reactor trip does occur, refer to EOP-5.0.

_____ 5.3 When a turbine trip does occur, refer to AOP-3.0.

_____ 5.4 IF a safety injection signal occurs, refer to EOP-0.

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