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AUTOMATED RECORD MANAGEMENT
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FERMI 2 TECHNICAL REQUIREMENTS MANUAL – VOL I
Revision 57 dated 09/27/02

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Fermi 2

Technical Requirements Manual

Volume I

Detroit
Edison

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TR 3.12 FIRE PROTECTION

TR 3.12.2 Fire Suppression Water System

TRLCO 3.12.2 The fire suppression water system shall be OPERABLE with:

- a. Two fire suppression pumps, each with a capacity of 2500 gpm, with their discharge aligned to the fire suppression header;
- b. The general service water intake structure water level \geq 562 feet; and
- c. An OPERABLE flow path capable of taking suction from the general service water intake structure and transferring the water through distribution piping with OPERABLE sectionalizing control or isolation valves to the yard hydrant curb valves, the last valve ahead of the water flow alarm device in each sprinkler or hose standpipe and the last valve ahead of the spray system required to be OPERABLE per TRLCO 3.12.3, TRLCO 3.12.6, and TRLCO 3.12.7.

APPLICABILITY: At all times.

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One fire suppression pump inoperable.	A.1 Restore the inoperable pump to OPERABLE status.	14 days
	<u>OR</u> A.2 Provide an alternate backup pump.	14 days
B. The fire suppression water system inoperable for reasons other than Condition A.	B.1 Establish backup fire suppression water system.	24 hours
C. Required Actions and associated Completion Time of Condition B not met.	C.1 Be in MODE 2.	7 hours
	<u>AND</u> C.2 Be in MODE 3.	13 hours
	<u>AND</u> C.3 Be in MODE 4.	37 hours