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FERMI 2 TECHNICAL REQUIREMENTS MANUAL – VOL I
Revision 129 dated 12/09/2021

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**Note: The changes above reflect those justified and described in
LCR# 21-029-TRM.**

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Fermi 2

Technical Requirements Manual

Volume I

**DTE
Electric**

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Primary Containment Penetration Conductor Overcurrent Protective Devices
TR 3.8.5

SURVEILLANCE REQUIREMENTS

-----NOTE-----

Refer to Table TR3.8.5-1 to determine which TRSRs apply for each Primary Containment Penetration Conductor Overcurrent Protective function.

SURVEILLANCE		FREQUENCY
TRSR 3.8.5.1	Perform CHANNEL CALIBRATION of the associated protective relays.	24 months
TRSR 3.8.5.2	Perform an integrated system functional test which includes simulated automatic actuation of the system and verifying that each relay and associated circuit breakers and overcurrent control circuits function as designed.	24 months
TRSR 3.8.5.3	Perform functional test of 480 volt circuit breakers. Testing of these circuit breakers shall consist of injecting a current in excess of 120% of the breakers nominal setpoint and measuring the response time. The measured response time will be compared to the manufacturer's data to insure that it is less than or equal to a value specified by the manufacturer.	72 months
TRSR 3.8.5.4	Subject each circuit breaker to an inspection and preventive maintenance in accordance with procedures prepared in conjunction with its manufacturer's recommendations.	72 months