



TRIP SIGNALS AND SETTINGS TO INITIATE THE HPCI		
TRIP	TRIP INSTRUMENT	ACTION
HIGH DRYWELL PRESSURE AND OR REACTOR VESSEL LOW WATER LEVEL	B21	OPEN: F001, F002, F003, F004, F006 & F007
	B21	CLOSE: F008, F600, F011, F025, F026, F028 & F029
SIGNALS TO ISOLATE HPCI		
TRIP	INSTRUMENT	ACTION
HPCI EQUIPMENT ROOM TEMPERATURE HIGH	TSE N602 A,B	
HIGH HPCI STEAM LINE FLOW	MYE N657 OR MYE N660	
HPCI STEAM SUPPLY PRESSURE LOW	MYE N658A,B,C,D	
HIGH HPCI TURBINE EXHAUST DIAPHRAM PRESSURE	(DIAPHRAM RUPTURE) MYE N655A,B,C,D	CLOSE: F002,F600, F003,F012,F041 & F042, TRIP HPCI TURBINE
SIGNALS TO TRIP HPCI		
TRIP	INSTRUMENT	ACTION
HIGH HPCI TURBINE EXHAUST PRESSURE	150 PSIG INRC. PSE N017A,B	
REACTOR VESSEL HIGH WATER LEVEL	B21 LIS N693C,D	CLOSE: F012 TRIP HPCI TURBINE
LOW HPCI PUMP SUCTION PRESSURE	15" HG VAC PSE N010	

4M721-5872
LATEST REVISION

- NOTES:
- FOR TECH SPEC. SETTING VALUES, REFER TO TECH. SPECS.
 - ALL INSTRUMENTATION SHOWN ON THIS DIAGRAM SHOULD BE PREFIXED BY E41 UNLESS NOTED OTHERWISE
 - ALL VALVES AND ORIFICES SHOWN ON THIS DIAGRAM SHOULD BE PREFIXED BY E4150 UNLESS NOTED OTHERWISE.

NUCLEAR SAFETY RELATED

THIS IS A MICROSTATION PRODUCED DRAWING. CHANGES OR REVISIONS MUST BE BROUGHT TO THE ATTENTION OF THE PLANT ENGINEERING DESIGN GROUP TO ENSURE THAT CONFIGURATION CONTROL IS MAINTAINED.

THIS DRAWING WAS REFORMATTED BY MICROSTATION AT REVISION "C". ALL PREVIOUS APPROVAL SIGNATURES ARE ON FILE ON MICROFILM IN DOCUMENT CONTROL.

CD'S INCORPORATED: EDP 36178.B008, REV. 0			
OTHER REVISIONS:			
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APPROVED BY <i>[Signature]</i>	DATE 5-26-11	DATE 11-06-12	

A PORTION OF THIS DRAWING IS AFFECTED BY THE FOLLOWING:		PREPARED BY	DATE
TC	CHANGE DOCUMENT	CHECKED BY	DATE
		APPROVED BY	DATE
		OTHER APPROVALS	DATE

INC.CODE	Detroit Edison		Fermi 2
U	TITLE HIGH PRESSURE COOLANT INJECTION SYSTEM - SIMPLIFIED DRAWING HIGH PRESSURE INJECTION ACCIDENT CONDITION		
	APERTURE CARD TITLE USFAR FIG. 6.3-2		
	PLANT IDENTIFICATION SYSTEM NUMBER E4100		ARMS RECIPIENT #
	DOCUMENT TYPE CODE DDDMC	NUC OPS FILE NO. 1801	DATE ISSUED TO IS 5-27-11
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