



- NOTES:**
1. ALL EQUIPMENT AND INSTRUMENTS ARE PREFIXED BY SYSTEM NO. C32 UNLESS OTHERWISE SPECIFIED.
 2. FOR LOCATION & IDENTIFICATION OF INSTRUMENTS SEE CDD.
 3. FOR INSTRUMENT RANGES & SETPOINTS SEE CDD.
 4. THE POWER SOURCE FOR THE FEEDWATER INSTRUMENTATION AND CONTROL SYSTEM SHALL HAVE AT LEAST THE SAME DEGREE OF RELIABILITY AS THE POWER SOURCES FOR THE REACTOR/BOOSTER/CONDENSATE PUMPS.
 5. THE POWER SOURCE FOR THE FEEDWATER INSTRUMENTATION AND CONTROL SYSTEM SHALL HAVE AT LEAST THE SAME DEGREE OF RELIABILITY AS THE POWER SOURCES FOR THE REACTOR/BOOSTER/CONDENSATE PUMPS.
 6. AE/CUSTOMER SHALL PROVIDE TWO NORMALLY OPEN CONTACTS PER TURBINE DRIVEN REACTOR FEED PUMP TO OPERATE WHEN TURBINE FEED PUMP UNIT HAS TRIPPED OR BEEN SHUT DOWN. THE CONTACTS SHALL PREFERABLY BE DERIVED FROM A FLOW SWITCH MOUNTED ACROSS THE R.F.P. LOW FLOW RECIRCULATION FLOW ELEMENT PROVIDED BY THE AE/CUSTOMER OR R.F.P. DISCHARGE VALVES IF THESE AUTOMATICALLY RUN CLOSED ON R.F.P. TRIP. G.E. CAPED REQUIRE THESE CONTACTS FOR INITIATION OF REACTOR RECIRCULATION PUMP RUN BACK IN EVENT OF A 1 OUT OF 2 R.F.P. TRIP AT HIGH LOADS.
 7. DELETED.
 8. DELETED.
 9. DELETED.
 10. PROCESS COMPUTER TO COMPUTE SQUARE ROOT AND PROVIDE DENSITY COMPENSATION.
 11. SEE DRAWING I-2105-21 FOR CONFIGURATION DETAILS.
 12. FLAT PANEL DISPLAY IS COMMON TO FWCS AND RRCS.

- REFERENCE DRAWINGS:**
1. FEEDWATER CONTROL SYSTEM DESIGN SPEC ----- GE 22A3086
 2. NUCLEAR BOILER SYSTEM P&ID ----- M-2089,2090
 3. REACTOR RECIRCULATION SYSTEM P&ID ----- M-2833, I-2106-01, 02
 4. CONTROL ROD DRIVE HYDRAULIC SYSTEM FCD ----- M-2081
 5. FEEDWATER SYSTEM PAID ----- M-2023
 6. MAIN TURBINE GENERATOR TRIP LOGIC ELEM. ----- I-2339-2
 7. RFP TURBINE SPEED CONTROLLER MECH DIAG. ----- EDISON FILE S23-111
 8. RFP TURBINE SPEED CONTROLLER WIRING DIAG. ----- I-2313-03 & 04
 9. INSTRUMENT SYMBOLS ----- GE 921-D280 (R1-404)
 10. PIPING & INSTRUMENT SYMBOLS ----- EDISON FILE R1-25
 11. REACTOR FEED PUMP TURBINES TRIP LOGIC ELEM. ----- I-2339-04
 12. MAIN AND REHEAT STEAM SYS DIAG. ----- M-2002
 13. REACTOR RECIRCULATION PUMP SPEED CONTROL DIAG. ----- I-2106-02
 14. INDEX FOR STARTREC POINTS ----- I-2042-01 & 02
 15. DIAGRAM CONDENSATE SYSTEM - UNIT 2 ----- M-2004-1

61721-2126-01
LATEST REVISION



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.

INC CODE		Detroit Edison		Fermi 2	
TITLE		INSTRUMENT DIAGRAM			
SUB-TITLE		FEEDWATER CONTROL SYSTEM			
APERTURE CARD TITLE		INST DIAG FEEDWATER CNTRL SYS			
PLANT IDENTIFICATION SYSTEM NUMBER		C32-00		ARMS RECIPIENT #	
DOCUMENT TYPE CODE		DDDINC		DATE ISSUED TO #	
DRAWING NUMBER		61721-2126-01		REV	
REV		S		S	

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

IS A PORTION OF THIS DRAWING IS AFFECTED BY THE FOLLOWING:

TO	CHANGE DOCUMENT	CHECKED BY	DATE

OTHER REVISIONS:

CORRECTED TYPO PER PEPIS-0019. BEHMOUS SHOULD BE BEHMOUS. REVISED ABANDONED IN PLACE NOTATION AT ZONE G-6. LCR 19-02-UP'S REMOVES FIGURE FROM USAR

PREPARED BY	DATE	CHECKED BY	DATE
WJ ADLER	3-23-18	Andrew Kowalski	3-5-19
APPROVED BY	DATE	DATE	DATE
David Kozicki	3/26/17		

EDP POSTING ENTRIES REQUIRE THE ADDITION OF THE ARMS STATUS CODE EITHER "AC" OR "ASP"