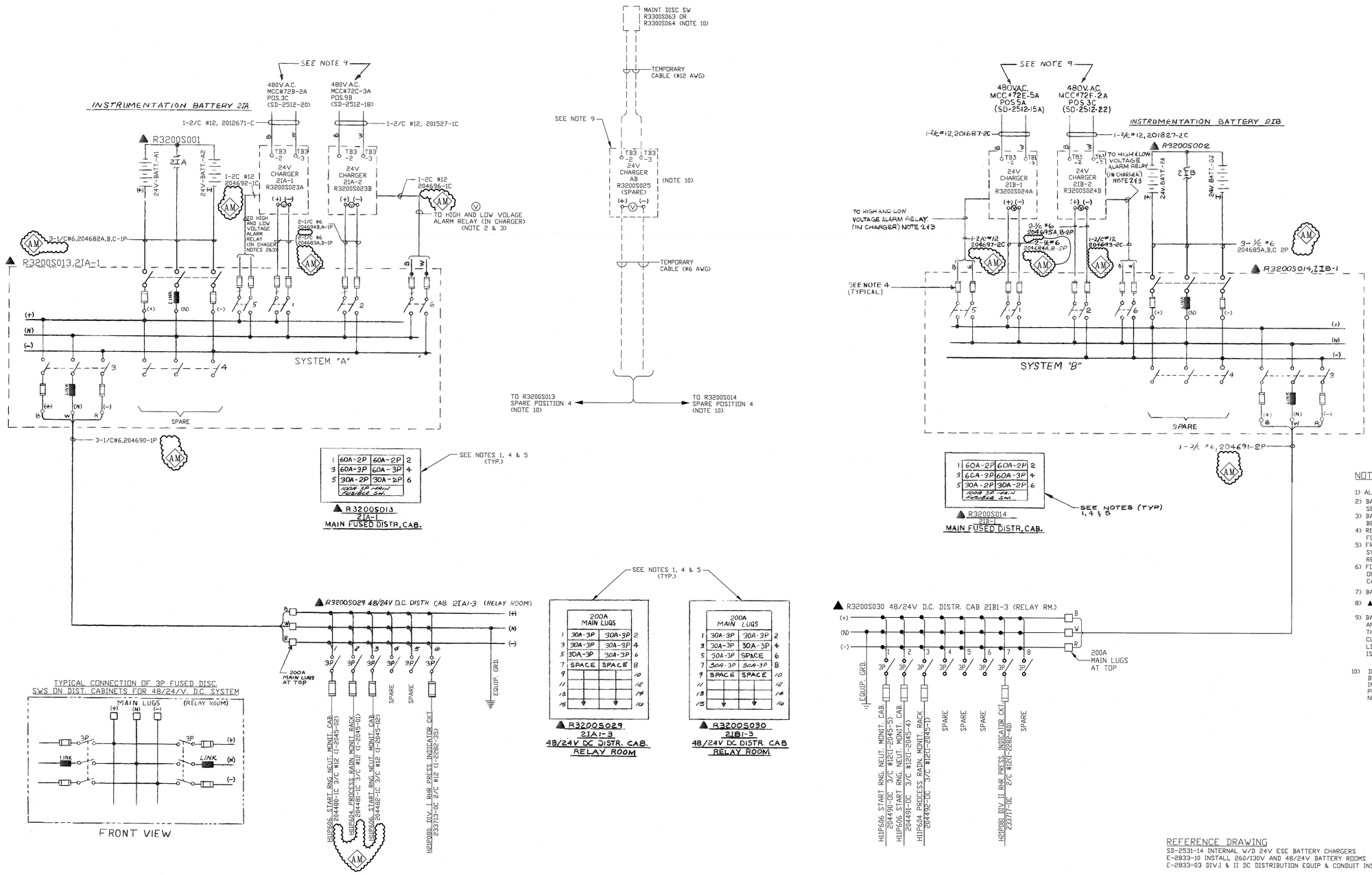

NOTES:

1) ALL 3 POLE FUSED FEEDS SHALL HAVE A LINK IN THE NEUTRAL POSITION
2) BATTERY CHARGER HIGH VOLTAGE ALARM AND TRIP SET AT 26.9V AND 28.5V RESPECTIELY.
3) BATTERY CHARGER LOW VOLTAGE ALARM SHALL BE SET AT 25.0V.
4) REFER TO DETROIT EDISON SPECIFICATION 3071-128 STD-EJ-2-1 FOR FUSE SIZE, TYPE AND RELATED DATA.
5) FRONTAL ELEVATIONS OF DISTRIBUTION CABINETS SHOW SWITCH AND FUSE CLIP SIZES NOT FUSE SIZES. REFER TO NOTE 4 FOR FUSE SIZES.
6) FOR DETAILS OF HI & LOW-VOLTAGE AND LOSS OF POWER ALARMS AT MAIN CONTROL ROOM ANNUNCIATOR CABINET, SEE DRAWING SD-2531-14
7) BATTERY CHARGER FLOAT VOLTAGE SHALL BE SET AT 26.4V.
8) ▲ DENOTES NON-NUCLEAR SAFETY RELATED.
9) BATTERY CHARGERS R3200S023A, R3200S023B AND R3200S024A, R3200S024B PROVIDE ISOLATION BETWEEN THE CLASS 1E SOURCE AND THE BOP AND PASSIVE FAIL SAFE CLASS 1E LOADS. AS SUCH THE CHARGERS AND THEIR RESPECTIVE LINE SIDE SUPPLY CABLES ARE QA LEVEL I. SPARE CHARGER R3200S025 IS ALSO QA LEVEL I.
10) DURING MAINTENANCE ACTIVITIES, SPARE BATTERY CHARGER R3200S025 MAY BE CONNECTED AS SHOWN. FUSE REDUCERS AND 30A FUSES WILL BE INSTALLED IN THE MAINTENANCE DISCONNECT SWITCH THAT IS USED. ALSO, AT THE SPARE POSITION 4 FOR R3200S013 OR R3200S014, 60A FUSES WITH A FUSE LINK IN THE NEUTRAL POSITION WILL BE INSTALLED.

REFERENCE DRAWING

SD-2531-14 INTERNAL W/D 24V ESE BATTERY CHARGERS
E-2833-10 INSTALL 260/130V AND 48/24V BATTERY ROOMS
E-2833-03 DIV.I & II DC DISTRIBUTION EQUIP & CONDUIT INSTALL

6SD721-2530-17
LATEST REVISION AM

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 "V". ALL PREVIOUS APPROVAL SIGNATURES ARE ON FILE ON MICROFILM IN DOCUMENT CONTROL.

AM DCD'S INCORPORATED:

A PORTION OF THIS DRAWING IS AFFECTED BY THE FOLLOWING:

TC	CHANGE DOCUMENT

OTHER REVISIONS:
REMOVED OBSOLETE CABLE QA LEVELS PER TICKLER AND ADMINISTRATIVE CHANGES PER PEPS-0019.
LCR 19-012-UFS REMOVES FIGURE FROM UFSAR.

PREPARED BY ANDREW LEWALLEN	DATE 9-4-18	CHECKED BY	DATE 3/4/19
APPROVED BY David Kakoeski for T. Murphy			DATE 3/4/19

EDP POSTING ENTRIES REQUIRE THE ADDITION OF THE ARMS STATUS CODE: EITHER "AFC" OR "ASB"

	DATE
PREPARED BY	
CHECKED BY	
APPROVED BY	
OTHER APPROVALS	

INC.CODE: T

Detroit Edison — Fermi 2

TITLE: ONE LINE DIAGRAM 48/24V DC INSTRUMENTATION BATTERIES DISTRIBUTION

APERTURE CARD TITLE: ONE LINE DIA INST BATT DIST

PLANT IDENTIFICATION SYSTEM NUMBER: R3200

ARMS RECIPIENT #

DOCUMENT TYPE CODE: DDDELE

NUC OPS FILE NO.: 1801

DATE ISSUED TO IS: 3-5-19

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REV.: AM