



DAY NO.	NOTE NO.	DATE
1	1	5/10/52
1	2	5/10/52
1	3	5/10/52
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1	49	5/10/52
1	50	5/10/52

- NOTES:
- ICE IS BEING LOADED IN UNIT 1 AND NORMAL OPERATION IN UNIT 2.
  - ICE CONDENSER GLYCOL EXPANSION TANK 1A IS TO BE AT SAME ELEVATION AS ICE CONDENSER GLYCOL EXPANSION TANK 2A. PIPE ICE MELTING LINES WILL BE INSTALLED TO EITHER CONTAINMENT UNIT FOR DRAINAGE OF ICE LOADINGS.
  - ONLY DISTRIBUTION DUCT WILL BE PROVIDED WITH AN THERMISTOR OPERABLE AND BETWEEN PAIRS OF AIR CONNECTIONS FROM EACH AIR HANDLER PACKAGE.
  - DESIGNER CONSIDERS DRAINING AND HEADER FROM AIR HANDLERS INSIDE ICE CONDENSER WILL BE ELECTRICALLY GATED TRACED AND THERMALLY INSULATED ALONG THEIR FULL LENGTH.
  - VENTILATION PIPES WITH A MINIMUM 12" LENGTH.
  - UNIT SWITCHES MOUNTED ON LOWER PANEL DOOR FRAMES OF ICE CONDENSER. 12 LINE SWITCHES PER DOOR FRAME, 48 DOOR FRAMES PER CONTAINMENT.
  - PERMISSION TO BE USED FOR ICE CONDENSER WATER ADDITION DURING MAINTENANCE. PENETRATION TO BE PLUMBED OFF PROPERLY.
  - CONNECTIONS OF TWO FLOOR COOLING LINES TO MAIN DRAIN RETURN HEADERS TO BE SPACED BY AT LEAST 12" SEPARATE AS SPACED.
  - FOR LOCATION OF NOTES, SEE NON-SCALE 17-152.
  - ETHYLENE GLYCOL INNER RETURN HEADERS.
  - ETHYLENE GLYCOL OUTER RETURN HEADERS.
  - ETHYLENE GLYCOL INNER SUPPLY HEADERS.
  - ETHYLENE GLYCOL OUTER SUPPLY HEADERS.
  - 12" DIAMETER 12" THICK CAPSULES PER 178 ICE RELEASE DETECTOR. THIS IS NOT PROVIDED UNLESS THE ICE CONDENSER IS NOT PROVIDED.
  - LOAD OPEN TO PREVENT OVER PRESSURIZATION.
  - LENDS AND DRAINS AVOID BY CONSTRUCTION FOR FLOOR AND WINDING.
  - DRAINING PIPING CONDENSED WITH WATER SOLUBLE PAPER WELD IN PLACE WITH WATER SOLUBLE TAPES.
  - TEMPORARY AIR LINE TO BE CONNECTED TO FLANGE AT LOCATION 8.4 OF DRAWING MC-1558-11.2.
  - REMOVE FLANGING ONLY AFTER ICE LOADING HAS BEEN COMPLETED.
  - BURN FLANGE TO BE SUPPLIED WITH A 24" VALVE FOR LOW DATE TESTING. FLANGE AND VALVE ARE TO BE CLASS 1500.
  - 12" DIAMETER 12" THICK CAPSULES PER 178 ICE RELEASE DETECTOR. THIS IS NOT PROVIDED UNLESS THE ICE CONDENSER IS NOT PROVIDED.
  - LOAD OPEN TO PREVENT OVER PRESSURIZATION.
  - LENDS AND DRAINS AVOID BY CONSTRUCTION FOR FLOOR AND WINDING.
  - DRAINING PIPING CONDENSED WITH WATER SOLUBLE PAPER WELD IN PLACE WITH WATER SOLUBLE TAPES.

DESIGN PARAMETERS

LINE LISTING	PRESSURE	TEMPERATURE	CLASS	MATERIAL
10	150 PSIG	150°F	G	CS
11	150 PSIG	150°F	G	CS
12	150 PSIG	150°F	G	CS
13	150 PSIG	150°F	G	CS
14	150 PSIG	150°F	G	CS
15	150 PSIG	150°F	G	CS
16	150 PSIG	150°F	G	CS
17	150 PSIG	150°F	G	CS
18	150 PSIG	150°F	G	CS
19	150 PSIG	150°F	G	CS
20	150 PSIG	150°F	G	CS
21	150 PSIG	150°F	G	CS
22	150 PSIG	150°F	G	CS
23	150 PSIG	150°F	G	CS
24	150 PSIG	150°F	G	CS
25	150 PSIG	150°F	G	CS
26	150 PSIG	150°F	G	CS
27	150 PSIG	150°F	G	CS
28	150 PSIG	150°F	G	CS
29	150 PSIG	150°F	G	CS
30	150 PSIG	150°F	G	CS

SI APERTURE CARD

REV.	PER	DATE	BY	CHKD	DATE	APPD	DATE	SCALE
13	REV.	PER MEV-2143	SBK	REV	12/15/52	REV	12/15/52	1/4"
12	REV.	PER SPH-3134	UND	REV	12/15/52	REV	12/15/52	1/4"
11	REV.	PER SPH-3134	UND	REV	12/15/52	REV	12/15/52	1/4"
10	REV.	PER SPH-3134	UND	REV	12/15/52	REV	12/15/52	1/4"
9	REV.	PER SPH-3134	UND	REV	12/15/52	REV	12/15/52	1/4"
8	REV.	PER SPH-3134	UND	REV	12/15/52	REV	12/15/52	1/4"
7	REV.	PER SPH-3134	UND	REV	12/15/52	REV	12/15/52	1/4"
6	REV.	PER SPH-3134	UND	REV	12/15/52	REV	12/15/52	1/4"
5	REV.	PER SPH-3134	UND	REV	12/15/52	REV	12/15/52	1/4"
4	REV.	PER SPH-3134	UND	REV	12/15/52	REV	12/15/52	1/4"
3	REV.	PER SPH-3134	UND	REV	12/15/52	REV	12/15/52	1/4"
2	REV.	PER SPH-3134	UND	REV	12/15/52	REV	12/15/52	1/4"
1	REV.	PER SPH-3134	UND	REV	12/15/52	REV	12/15/52	1/4"

QA CONDITION 4  
QA CONDITION 2  
QA CONDITION 1

PURE POWER COMPANY  
MOORE NOLENS STALL IN UNIT 1

FLOW DIAGRAM  
ICE CONDENSER REFRIGERATION  
SYSTEM (1NF)

DESIGNER: G. FRISCH DATE: 8-2-52  
DRAWN BY: MITCHELL DATE: 8-2-52  
CHECKED BY: G. FRISCH DATE: 8-2-52  
SCALE: AS SHOWN  
DWG. NO. MC-1558-4.0

PDR RIDS

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