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| REV. | LOAD DESCRIPTION | EQUIP. No. | MCC No. | CUBIC FT. | CONT. DIA. | SCHEME No. | BREAKER | | | | STARTER | | WIRE SIZE (AWG) | LOAD KVA or H.P. | FULL LOAD AMPS. | CONT. AMPS. |
|------|---|------------|---------|-----------|------------|------------|------------|---------------|--------------------|------|--------------|-------------|-----------------|------------------|-----------------|-------------|
| | | | | | | | FRAME SIZE | TRIP COIL AMP | INST. TRIP SETTING | POS. | SIZE | TYPE | | | | |
| 14 | CONT. XFMR. FOR 2B5641 & 2B5620 | --- | 2B5622 | 2B5623 | | | | | | | | | | | | |
| 5 | STEAM GEN 2E-51B AUX FW INLET VALVE 2MO-4970B | 2MO-4970B | 2B5626 | E-154 | 2B5626 | 100 | 10 | | | 1 | 2A | | #14 | 2CHP | 5.3 | |
| 10 | SPARE | SPARE | 2B5627 | | 2B5627 | 100 | 50 | | | 1 | 2A | | | | | |
| 8 | SPLIT FUEL POOL COOLING PUMP OP-70B | OP-70B | 2B5625 | E-318 | 2B5623 | 100 | 100 | | | 4 | 1D-5 | | #2 | 60HP | 77 | |
| 11 | BATTERY CHARGER 2D25 | 2D-25 | 2B5629 | E-98 | 2B5629 | 225 | 125 | | | | CB | SEE NOTE #1 | #2/0 | 74KVA | 96 | |
| 9 | MS ISOLATION VLV 2XV-3211B HYDRAULIC PUMP MOTOR | 2XV-3211B | 2B5630 | E-352 | 2B5630 | 100 | 10 | | | 1 | 1A | | #14 | 3HP | 4.8 | |
| 13 | SPARE | SPARE | 2B5631 | | 2B5631 | 100 | 50H | | | 2 | 2C2 | | | | | |
| 11 | SPACE HEATER DISCONNECT | --- | 2B5632 | E-80 | 0BY3612 | 100 | 20 | | | | CB | | | | | |
| 13 | BES ED COLLECTION HEADS ISOLATION VALVE 2MO-0344 | 2MO-0344 | 2B5633 | E-347 | 2B5633 | 100 | 10 | | | 1 | 2C1 | | #10 | 33HP | | |
| 7 | SERVICE WTR. BLDG. 2B64 MCC FEED | 2B64 | 2B5634 | E-00 | 2B5634 | 100 | 100 | | | | CB | SEE NOTE #2 | #30MKA | | | |
| 8 | CONT. XFMR. FOR 2B5608 | --- | 2B5635 | | | | | | | | | | | | | |
| 7 | SPACE | SPACE | 2B5636 | | 2B5636 | | | | | | | | | | | |
| 9 | AUX FW TURBINE DRIVEN PUMP RM UNIT COOLER 2VM-54B | 2VM-54B | 2B5637 | E-485 | 2B5637 | 100 | 5 | | | 1 | 111-2 | | #14 | 75HP | 1.5 | |
| 5 | AUX FW PUMP TURB MAIN STEAM SUPPLY BLOCK VLV 2MO-3226 | 2MO-3226 | 2B5638 | E-158 | 2B5638 | 100 | 10 | | | 1 | 2A | | #14 | 2.6HP | 5.3 | |
| 10 | INSTRUMENT TRANSFORMER 2X52 | 2X-52 | 2B5639 | E-97 | 2B5639 | 100 | 40 | | | | CB | | 2/C #6 | 15KVA | 32.9 | |
| 10 | INSTRUMENT TRANSFORMER 2X56 | 2X-56 | 2B5640 | E-97 | 2B5640 | 100 | 20 | | | | CB | | 2/C #6 | 15KVA | 16.4 | |
| 13 | RC PRESSURE RELIEF VLV 2MO-0266 | 2MO-0266 | 2B5641 | E-226 | 2B5641 | 100 | 10 | | | 1 | 2C1 | SEE NOTE #1 | #14 | 16HP | 5.4 | |
| 7 | SPARE | SPARE | 2B5642 | | 2B5642 | 100 | 10 | | | 1 | 2A | | | | | |
| 9 | SPARE | SPACE | 2B5643 | | 2B5643 | 100 | 30 | | | 1 | 2C1 | | | | | |
| 7 | BATTERY RM EXHAUST FAN DISCH. DAMPER 2V-60B | 2V-60B | 2B5644 | E-458 | 2B5644 | 100 | 5 | | | 1 | 1D-4 | | #14 | 1HP | 1.8 | |
| 10 | SPARE | SPARE | 2B5645 | | 2B5645 | | | | | | STARTER ONLY | | | | | |
| 11 | SPACE | SPACE | 2B5646 | | 2B5646 | | | | | | 2A | | | | | |
| 13 | SPARE | SPARE | 2B5647 | | 2B5647 | 100 | 50H | | | 2 | 2C2 | | | | | |
| 10 | SPARE | SPARE | 2B5648 | | 2B5648 | 100 | 30 | | | 1 | 2A | | | | | |

NOTE 3: TO FACILITATE TERMINATION OF #2/0 CABLE, TERMINATE WITH #2 BY USING BURNDY REDUCING ADAPTER Y262CR & BURNDY BARREL SPLICE Y526 & INSTALL ACCORDING TO MANUFACTURER'S INSTRUCTIONS. INSULATE THE CONNECTION WITH RAYCHEM WCSF-N SHRINK TUBE

LOCATION: AUX BLDG. AREA 3 EL. 614'-0"

REF. DWG: 7220-E7-20

NOTE 1: CIRCUIT BREAKER WITH REMOTE OPERATOR.

NOTE 2: TO FACILITATE TERMINATION OF 350MM CABLE TERMINATE WITH #2 CABLE BY USING BURNDY REDUCING ADAPTER Y312CR AND BURNDY BARREL SPLICE Y531 AND INSTALL ACCORDING TO MANUFACTURER'S INSTRUCTION INSULATE THE CONNECTION WITH RAYCHEM WCSF-N SHRINK TUBE

BECHTEL
ANN ARBOR, MICHIGAN

MIDLAND PLANT UNITS 1 & 2
CONSUMERS POWER COMPANY

CLASS 1E 460V MOTOR CONTROL CENTER
SCHEDULE UNIT 2 & COMMON

| JOB No. | DRAWING No. | REV. |
|---------|-------------|------|
| 7220 | E-180Q | 5-11 |

16X

CERTIFICATE OF MICROFILMING

"I certify that the image contained on this frame was made in the normal and regular course of business, on the date stated below and that it is an accurate reproduction of the document submitted to the contractor for filming, by Bechtel Power Corporation."

DATE: 10-20-87 CAMERA OPERATOR: Pam Smith CONTRACTOR SUPERVISOR: Sue Crockett

P.R.C.
APERTURE
CARD

RIDS

8302030280

