



ESTIMATED COOLING LOAD

SENSIBLE HEAT	10,000 BTU/HR
LATENT HEAT	3,000
VENTILATING AIR (5,100) T.H.	200,000
TOTAL	213,000 BTU/HR

COOLING AIR SUPPLY

QUANTITY	5,100 CFM
TEMP DRY BULB	57 F
TEMP WET BULB	56 F

- NOTES**
- 1) FURNISHED BY AIR CONDITIONING CONTRACTOR. 3/4" BOILER (FOR TEMPERATURE CONTROLS, REFER TO HONEYWELL DWG. #335-67053 SHT. 2/4)
 - 2) FURNISHED BY KEWAUNEE HFG. CO.
 - 3) FOR TYPICAL OF DAMPERS E.P. NO.'S SEE DETAIL "A"
 - 4) EQUIPMENT & CONTROLS INDICATED BY EQUIPMENT PIECE NO. (e.g. 203-157) BY OTHERS
 - 5) LOCATED ON LOCAL FIRE PANEL - PANEL #1 FOR SMOKE ZONE #1, PANEL #2 FOR SMOKE ZONE #2, & PANEL #3 FOR SMOKE ZONE #3

MATERIAL EQUIPMENT SYSTEM #209
SYMBOLS N.M.P. DWG. C-18000-3

REVISION	NO.	DATE	DESCRIPTION
1	1		ISSUED FOR CONSTRUCTION
2	2		ADDED SMOKE PURGE VENTILATION SYS. M00648

PROJECT: NIAGARA MOHAWK POWER CORPORATION
 NINE MILE POINT NUCLEAR STATION
 TURBINE BUILDING HEATING, COOLING AND VENTILATING SYSTEMS
 AIR CONDITIONING SYSTEM FOR LABORATORY AREAS
 P&ID DIAGRAM
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 DATE: 3-12-60
 SHEET 2 OF 3

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APERTURE
CARD

ROLL
427
30X

PDR RIDS

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