



ADMIN. BLDG. COOLING LOAD DATA

DESIGN DATA				
	SUMMER		WINTER	
	OUTSIDE	INSIDE	OUTSIDE	INSIDE
DRY BULB	93 F	75 F	-10 F	75 F
WET BULB	73 F	62.5 F		

ESTIMATED COOLING LOAD

SENSIBLE HEAT	162,000 BTU/HR
LATENT HEAT	10,000 BTU/HR
VENTILATING AIR (6000 CFM T.J.)	70,000 BTU/HR
TOTAL	278,000 BTU/HR

COOLING AIR SUPPLY

QUANTITY	10000 CFM
TEMP. DRY BULB	57 F
TEMP. WET BULB	56 F

- NO. ROOM TITLE
- 102 LOBBY
 - 106 LUNCH ROOM
 - 108 HEALTH PHYSICIST
 - 117 FIRST AID ROOM
 - 120 STORES OFFICE
 - 121 SHOP OFFICE
 - 201 UPPER LOBBY
 - 202 GENERAL OFFICE
 - 203 SUPERINTENDENT'S OFFICE
 - 204 ASST. SUPERINTENDENT'S OFFICE
 - 205 OFFICE #1
 - 206 OFFICE #2
 - 207 OFFICE #3
 - 208 OFFICE #4
 - 209 OFFICE #5
 - 210 OFFICE #6
 - 212 CONFERENCE ROOM
 - 213 WOMEN'S ROOM
 - 215 MEN'S ROOM
 - 218 BLUE PRINT AND FILE ROOM
 - 219 RESULTS

- NOTES
- (1) EQUIPMENT AND CONTROLS MARKED WITH SYMBOL "U" BY AIR CONDITIONING CONTRACTOR CONTRACT #N-225. FOR TEMPERATURE CONTROLS REFER TO HONEYWELL DWG. #35-67855 SH. 3 AND 4.
 - (2) SHADED AREAS ARE PROVIDED WITH BOTH COOLING AND HEATING.
 - (3) EQUIPMENT AND OTHER CONTROLS INDICATED BY EQUIP. PIECE NO. (EX. 211-01) BY OTHERS.
 - (4) MATERIAL AND EQUIPMENT SYS #211 SYMBOLS N.A.P. DWG #C-18000-C.
 - (5) (AD-S-106) - OPERATING NUMBERS.
 - (6) TEMP. TRANSMITTER (211-69) IS LOCATED ADJACENT TO REMOTE ALARM LAMP (211-71) ON THE UNIT 1 CONFERENCE RM, EAST WALL, EL. 277' COL. AI-15/16.
 - (7) LOCATED ON FIRE PANEL 9A (DA-9234).
 - (8) LOCATED ON UNIT 1 CONFERENCE RM, EAST WALL, EL. 277' COL. AI-15/16. ALARM IS A RED INDICATOR LIGHT MOUNTED ON THE WALL.
 - (9) THE SUPPLY AND RETURN AIR DUCTS FOR THE OLD ADMIN. BLDG. HVAC UNIT RETIRED IN PLACE BY MOD N1-86-042 HAVE BEEN CUT AND CAPPED IN THE ADMIN. BLDG. IN ADDITION, THEIR FIRE DAMPERS IN THE WALL BETWEEN THE CONTROL COMPLEX AND THE ADMINISTRATION BLDG. HAVE BEEN PERMANENTLY CLOSED.
 - (10) AD BLDG. IN BY AND AD BLDG. RECIRC. BY ARE BOTH RETIRED IN PLACE, ELECTRICALLY DE-ENERGIZED, AND LEFT IN THE "100% CLOSED" POSITION.
 - (11) THE THREE-WAY MODULATING TEMP. CONTROL MOTOR OPERATED VALVE (211-73) IN THE RETURN CHILLED WATER LINE IS ELECTRICALLY DE-ENERGIZED AND LEFT IN THE "100% FLOW TO COILS" POSITION AS PROTECTION AGAINST INADVERTANT COIL FREEZING.
 - (12) THE COOLING COIL OF THE OLD ADMIN. BLDG. RETIRED HVAC UNIT IS STILL THE SAFETY RELATED SYS. 218.1 PRESSURE BOUNDARY AND HAS 100% FLOW THROUGH IT (SEE NOTE 10). THE REMAINDER OF THE RETIRED UNIT IS NO LONGER IN SERVICE AND IS RETIRED IN PLACE.
 - (13) ALL EQUIPMENT SHOWN IN IS RETIRED IN PLACE BY MOD N1-86-042. ALL ELECTRICAL EQUIPMENT HAS BEEN DE-ENERGIZED. ALL MOTOR OPERATED EQUIPMENT HAS BEEN LEFT IN THE POSITION AS INDICATED IN NOTES 10 AND 11 AND ELECTRICALLY DE-ENERGIZED. ALL CONDUIT, CABLE, TUBING, DUCT, ECT., ASSOCIATED WITH THIS EQUIPMENT IS ALSO RETIRED IN PLACE (REF. DCR N1-86-042 L5885).

NOTE: THIS DRAWING WAS CREATED USING COMPUTER AIDED DRAFTING. DO NOT MAKE MANUAL CHANGES.

LR NOTE:
PLEASE REFER TO DRAWING LR-18000-C SHEETS 1 AND 2 FOR LR BOUNDARY DRAWING NOTES, SYMBOLS, AND ACRONYMS.

CONSTELLATION ENERGY GROUP		9TH NINE MILE POINT NUCLEAR STATION UNIT NO. 1	
APP	APP	AIR CONDITIONING SYS. FOR THE ADMIN. BLDG. - HEATING AND VENTILATING SYS. FOR SHOP STORES AND LOCKER ROOM	
APP	DATE	5/23/68	
DES	DR	JLS	OR
REV	SCALE	DWG NO	REV
	NONE	LR-18046-C	3-N2-S10
		SH	REV
		1	0

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