



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	NEWS ROOM
218	BLUE PRINT AND FILE ROOM
219	RESULTS

- NOTES
- 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.
 - SHADED AREAS ARE PROVIDED WITH BOTH COOLING AND HEATING.
 - EQUIPMENT AND OTHER CONTROLS INDICATED BY EQUIP. PIECE NO. (EX. 211-01) BY OTHERS.
 - MATERIAL AND EQUIPMENT SYS #211 SYMBOLS N.A.P. DWG #C-18000-C.
 - (AD-S-106) - OPERATING NUMBERS.
 - 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.
 - LOCATED ON FIRE PANEL 9A (DA-9234).
 - LOCATED ON UNIT 1 CONFERENCE RM, EAST WALL, EL. 277' COL. AI-15/16. ALARM IS A RED INDICATOR LIGHT MOUNTED ON THE WALL.
 - 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.
 - AD BLDG. IN BY AND AD BLDG. RECIRC. BY ARE BOTH RETIRED IN PLACE, ELECTRICALLY DE-ENERGIZED, AND LEFT IN THE "100% FLOW TO COILS" POSITION AS PROTECTION AGAINST INADVERTANT COIL FREEZING.
 - THE THREE-WAY MODULATING TEMP. CONTROL MOTOR OPERATED VALVE (P.N. 218.1-73) 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.
 - 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.
 - 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).

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

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

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	NONE	
DWG NO	BOX	LR-18046-C	3-N2-S10
SH	REV	1	0

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