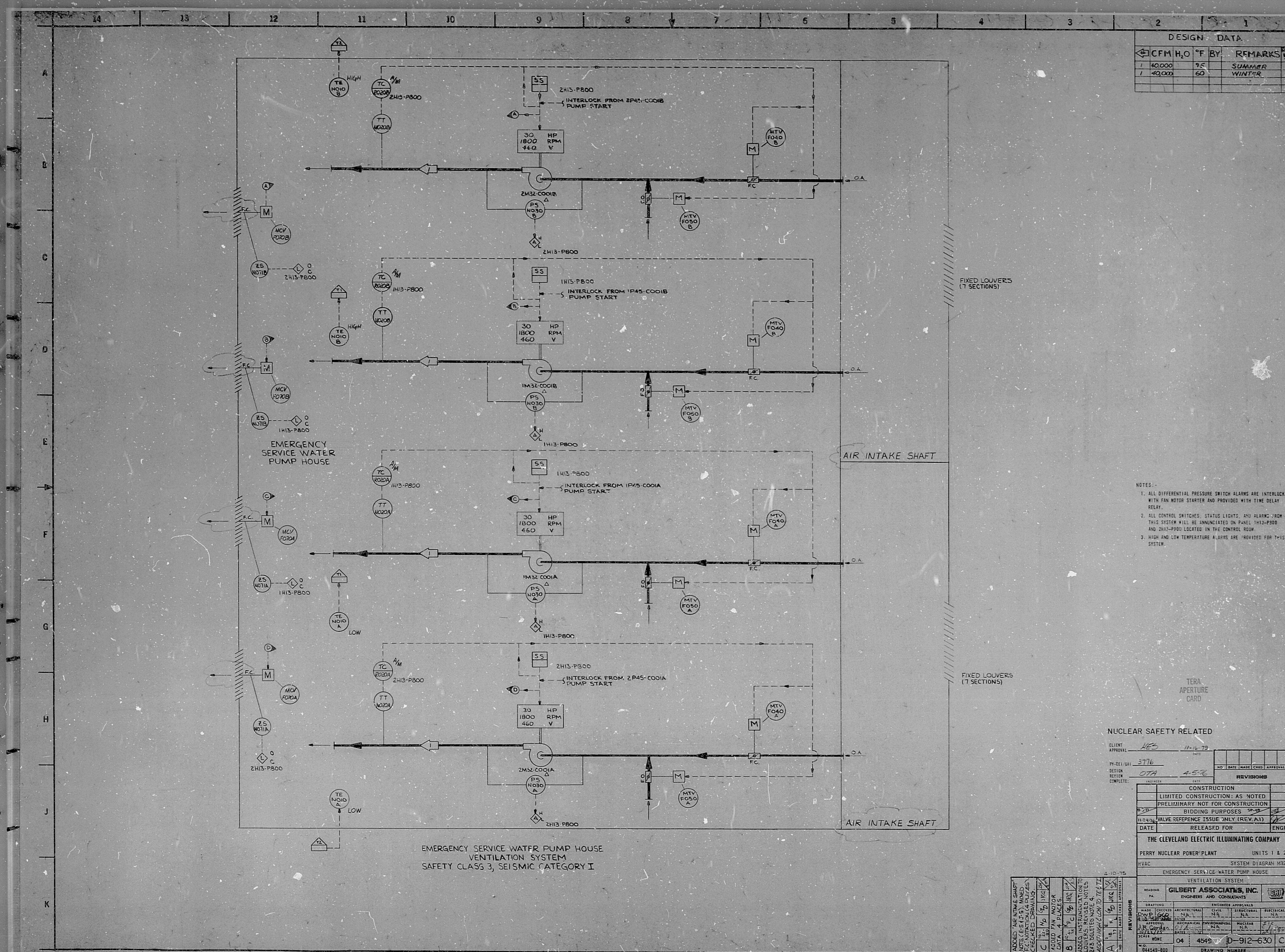




DESIGN DATA			
CFM	H ₂ O	°F	REMARKS
1	40,000	95	SUMMER
1	40,000	60	WINTER

- NOTES:
1. ALL DIFFERENTIAL PRESSURE SWITCH ALARMS ARE INTERLOCKED WITH FAN MOTOR STARTER AND PROVIDED WITH TIME DELAY RELAY.
 2. ALL CONTROL SWITCHES, STATUS LIGHTS, AND ALARMS FROM THIS SYSTEM WILL BE ANNUNCIATED ON PANEL 1H12-P800 AND 2H12-P800 LOCATED IN THE CONTROL ROOM.
 3. HIGH AND LOW TEMPERATURE ALARMS ARE PROVIDED FOR THIS SYSTEM.

NUCLEAR SAFETY RELATED

CLIENT	HEC	DATE	11-16-79
DESIGN	3776	NO.	DATE MADE CHD APPROVALS
REVIEW	OTA	DATE	4-5-80
COMPLETE		DATE	

CONSTRUCTION	
LIMITED CONSTRUCTION: AS NOTED	
PRELIMINARY NOT FOR CONSTRUCTION	
BIDDING PURPOSES	
VALUE REFERENCE ISSUE ONLY (REV. A1)	
DATE	RELEASED FOR
DATE	ENGR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY	
PERRY NUCLEAR POWER PLANT	
UNITS 1 & 2	
HVAC SYSTEM DIAGRAM M32	
EMERGENCY SERVICE WATER PUMP HOUSE	
VENTILATION SYSTEM	
GILBERT ASSOCIATES, INC.	
ENGINEERS AND CONSULTANTS	
READING	
DESIGN	
ENGINEER	
ARCHITECTURAL	
MECHANICAL	
ELECTRICAL	
PLUMBING	
HEATING	
Cooling	
Humidity	
Pressure	
Temperature	
Flow	
Level	
Position	
Direction	
Speed	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	
Height	
Depth	
Distance	
Time	
Frequency	
Wavelength	
Amplitude	
Phase	
Polarity	
Potential	
Energy	
Power	
Work	
Heat	
Light	
Sound	
Motion	
Force	
Weight	
Volume	
Area	
Length	
Width	

RIDS-RDR

8/03/60/01

