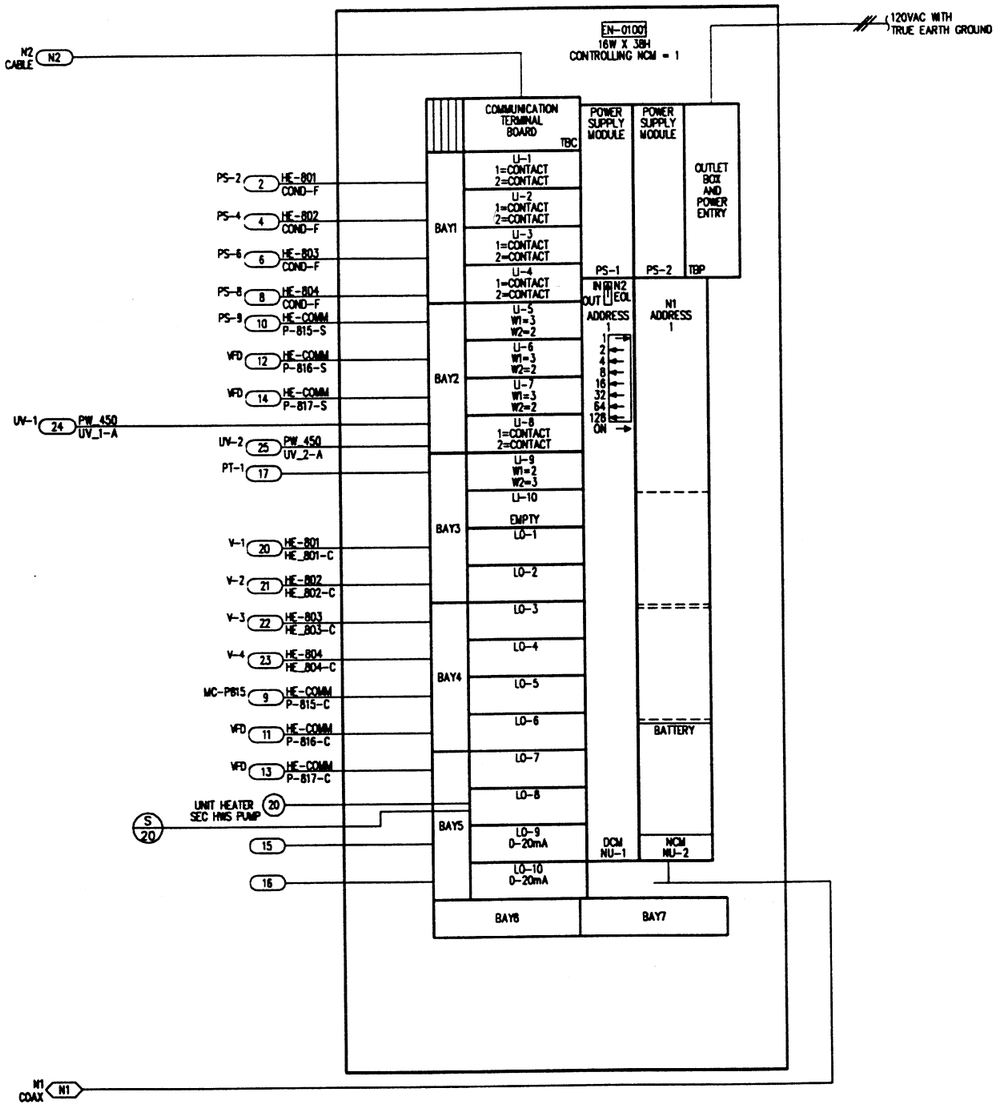

Enclosure, EN-01001, NCU Serving Building 450
Process Water Heat Exchangers.

PANEL MATERIAL

DEVICE TAG	QTY	CODE NUMBER	DESCRIPTION
(P) EN-1001	1	EN-BSF201-0	2 SLOT BASE FRAME
	1	EN-CVC201-0	
	1	EN-ENC201-0	
(P) LI-1-LI-4,	5	FM-IBN101-0	2 BINARY INPUT FM
(P) LI-8			
(P) LI-5-LI-7	3	FM-IUN101-0	
(P) LI-9	1	FM-IUN102-0	UNIVERSAL INPUT FM
(P) LI-10	1	FM-KIT127-0	FM BLANKOFFS
(P) LO-1-LO-8	8	FM-ORE101-0	ELEC MAINT RELAY FM
(P) LO-9-LO-10	2	FM-OAE101-0	4-20/0-10V OUTPUT FM
(P) NU-1	1	NU-DCN101-0	DIGITAL CONTROL MODULE
(P) NU-2	1	NU-NCN200-0	NETWORK CONTROL MODULE
	1	094291	BNC CONNECTOR-ANIXTER
	1	NU-NIN102-0	NETWORK IDENTITY MODULE;
(P) PS-1-PS-2	2	NU-PWR101-0	POWER SUPPLY

SEE NOTE 1

Control System Termination

NC-1 1:1:0 NC 1

Dev	Hardware Sys\Obj Name	Dnld Type	Actl Type	Slot Type	Slot Nmbr	Sub Slt	Software Sys\Obj Name	S/W Type	Point Type
1	NC1_HW\DCM1	DCM	101						
				Input	5		HE-Comm\P-815-S	BI	BI
				Input	6		HE-Comm\P-816-S	BI	BI
				Input	7		HE-Comm\P-817-S	BI	BI
				Input	8	1	SRV_450\UV_1-A	BI	MBI
				Input	1	2	HE-801\COND-F	BI	MBI
				Input	2	2	HE-802\COND-F	BI	MBI
				Input	3	2	HE-803\COND-F	BI	MBI
				Input	4	2	HE-804\COND-F	BI	MBI
				Input	8	2	SRV_450\UV_2-A	BI	MBI
				Input	9		HE-COMM\HE-DP	AI	
				Output	1		HE-801\HE-801-C	BO	MAINT
				Output	2		HE-802\HE-802-C	BO	MAINT
				Output	3		HE-803\HE-803-C	BO	MAINT
				Output	4		HE-804\HE-804-C	BO	MAINT
				Output	5		HE-Comm\P-815-C	BO	MAINT
				Output	6		HE-Comm\P-816-C	BO	MAINT
				Output	7		HE-Comm\P-817-C	BO	MAINT
				Output	9		HE-COMM\P816-VFD	AO	PROP
				Output	10		HE-COMM\P817-VFD	AO	PROP

NOTES:

1. ALL MATERIAL LISTED ON THIS DRAWING IS PROPRIETARY AND IS BEING SUPPLIED BY JOHNSON CONTROLS, INC.

FILE:EN-1001

REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
		RECORD		04/11/94	SF
	3	P-516/17 VFD		02/17/94	SF
	2	ADD UV ALMS		11/07/92	SF

SALES ENGR	PROJECT MGR	APPL. ENGR	DRAWN		APPROVED	
JP	SF	DCS	BY SF DATE 12/12/91		BY	DATE

DRAWING TITLE
Enclosure, EN-01001
Network Control Unit-NCU
Serving process water heat
exchangers, HE-801-HE-804

PROJECT
The Argonne National Labs
Advanced Photon Source Campus
9700 Cass Avenue South
Argonne, IL 60439

JOHNSON CONTROLS
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CONTRACT NUMBER
91390-0009

DRAWING NUMBER
91-9-A-03B

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