JOHNSON CONTROLS

VALVE SCHEDULE

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PROJECT	The Argonne National Labs APS Users Residance Facility 9700 Cass Avenue South Argonne, IL 60439	SHEET NO.	1-1
		CONTRACT NO.	5010-1013
		PREPARED BY	DCS
BUILDING DESIGNATION	URF	DATE	05/19/94
MECHANICAL ENGINEER	MIDWESCO	BRANCH	CHICAGO NORTH
MECHANICAL CONTRACTOR	MIDWESCO		

TAG				VALVE INFORMATION									ACTUATOR INFO.	
ITEM	SYSTEM	SERVICE	REF. DWG NO.	QTY	FAIL POSITION	VALVE CODE NUMBER	BODY STYLE	SIZE	Cv	CAPACITY	Δ P	PIPING DETAIL	ACTUATOR TYPE	RANGE
1	MAU-1,2	H&C	FAX	2	THRU COIL	VTM-TM047-314	MIX-SCR	1/2	4.7	9.0 GPM	3.7		V-3000	9-13#
2	MAU-1,2	H&C	FAX	2	NO	V-3754-1022	NO-SCR	3/4	8.6	20.0 GPM	5.4		V-3000	3-6#
3	AHU-1	H&C	FAX	1	THRU COIL	V-4324-1006	MIX-SCR	3/4	8.6	20.0 GPM	5.4		V-3000	9-13#
4	AHU-1	H&C	FAX	1	NO	V-5254-5	NO-SCR	2	41.0	95.0 GPM	5.4		4R W/PILOT	3-9#
5	AHU-2	H&C	FAX	1	THRU COIL	V-4324-1014	MIX-SCR	1	13.9	30.0 GPM	4.7		V-3000 W/PILOT	9-15#
6	AHU-2	H&C	FAX	1	NO	V-5254-5	NO-SCR	2	41.0	86.0 GPM	4.4		4R W/PILOT	3-9#
7	FT-1	HTG		1	NO	VTM-TN007-413	SCR	1/2	0.7	1.0 GPM	2.0		V-4000	4-8#
8	HE-X	HTG	NA	1	NO	V-5252-13	NO-FLG	3	83.0	200.0 GPM	5.8		5R W/PILOT	5-15#
9	HE-X	CLG	NA	1	NC	V-5462-18	NC-FLG	6	344.0	780.0 GPM	5.1		8R W/PILOT	5-15#
10	FT-2	HTG		2	NO	VTM-TN007-414	SCR	1/2	0.7	1.5 GPM	4.6		V-4000	9-13#
11	FT-3	HTG		2	NO	VTM-TN019-414	SCR	1/2	1.9	2.5 GPM	1.7		V-4000	9-13#
12	FP/UH/CH	HTG		7	NO	VTM-TN007-413	SCR	1/2	0.7				V-4000	4-8#
13	FP/UH/CH	HTG		17	NO	VTM-TN019-413	SCR	1/2	1.9				V-4000	4-8#
14	FP/UH/CH	HTG		9	NO	VTM-TN047-413	SCR	1/2	4.7				V-4000	4-8#