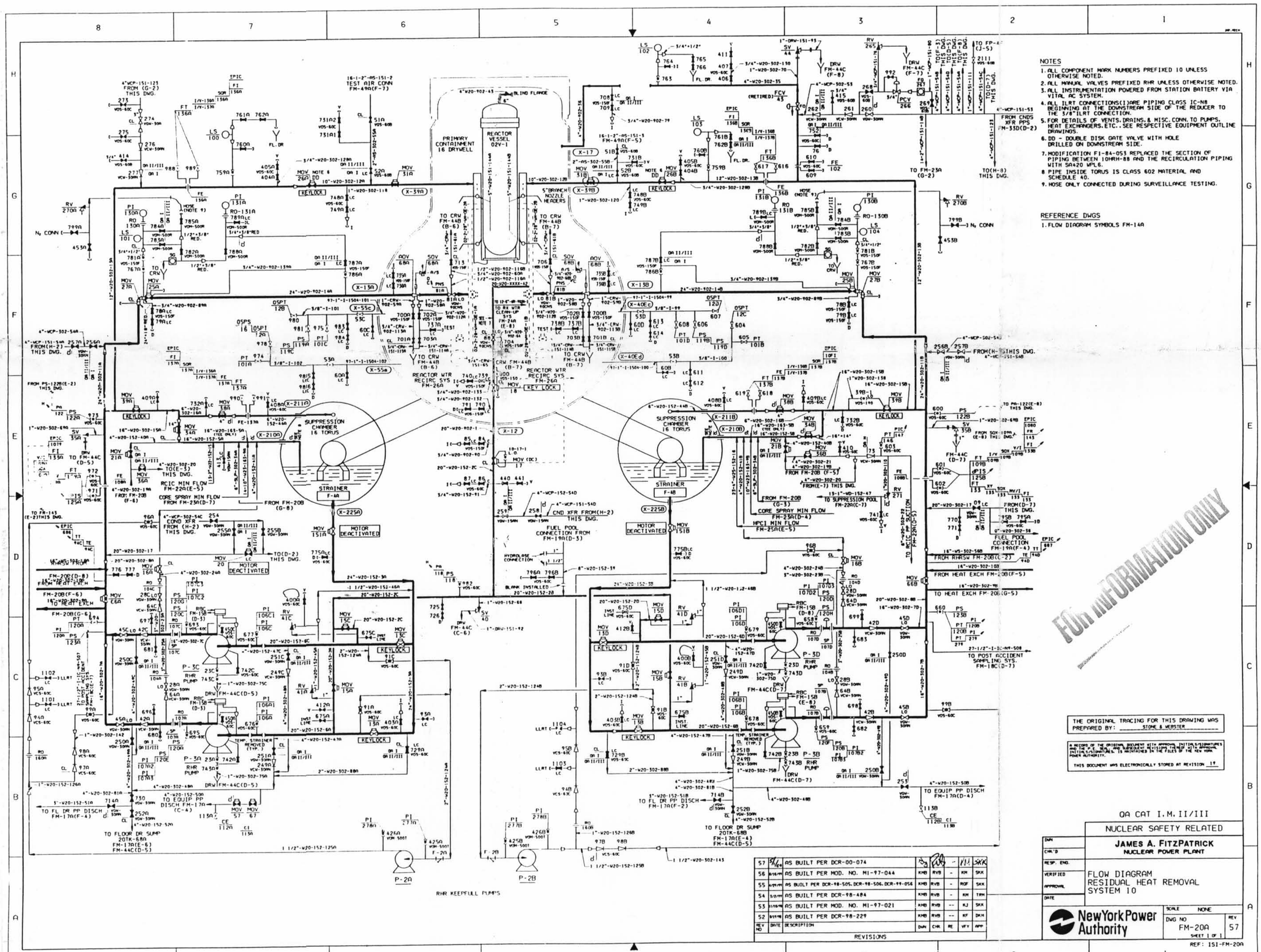

NOTES

1. ALL COMPONENT MARK NUMBERS PREFIXED 10 UNLESS OTHERWISE NOTED.
2. ALL MANUAL VALVES PREFIXED RHR UNLESS OTHERWISE NOTED.
3. ALL INSTRUMENTATION POWERED FROM STATION BATTERY VIA VITAL AC SYSTEM.
4. ALL ILRT CONNECTIONS(I)ARE PIPING CLASS IC-N8 BEGINNING AT THE DOWNSTREAM SIDE OF THE REDUCER TO THE 3/8"ILRT CONNECTION.
5. FOR DETAILS OF VENTS, DRAINS, & MISC. CONN. TO PUMPS, HEAT EXCHANGERS, ETC., SEE RESPECTIVE EQUIPMENT OUTLINE DRAWINGS.
6. DD - DOUBLE DISK GATE VALVE WITH HOLE DRILLED ON DOWNSTREAM SIDE.
7. MODIFICATION FI-84-053 REPLACED THE SECTION OF PIPING BETWEEN 10HRH-88 AND THE RECIRCULATION PIPING WITH SA420 WPL6.
8. PIPE INSIDE TORUS IS CLASS 602 MATERIAL AND SCHEDULE 40.
9. HOSE ONLY CONNECTED DURING SURVEILLANCE TESTING.

REFERENCE DWGS

1. FLOW DIAGRAM SYMBOLS FM-14A

THE ORIGINAL TRACING FOR THIS DRAWING WAS PREPARED BY: STONE & WEBSTER

A RECORD OF THE ORIGINAL DOCUMENT WITH APPROVAL INITIALS/SIGNATURES AND THE P.E. SEAL, AND SUBSEQUENT REVISIONS THEREOF WITH APPROVAL INITIALS/SIGNATURES, IS MAINTAINED IN THE FILES OF THE NEW YORK POWER AUTHORITY.

THIS DOCUMENT WAS ELECTRONICALLY STORED AT REVISION 19

REV NO	DATE	DESCRIPTION	DWN	CHK	RE	VFY	APP
57	5/1/00	AS BUILT PER DCR-00-074	[illegible]	[illegible]	-	VM	SKK
56	8/16/99	AS BUILT PER MOD. NO. MI-97-044	KMB	RVB	-	KM	SKK
55	4/29/99	AS BUILT PER DCR-98-505, DCR-98-506, DCR-99-056	KMB	RVB	-	RGF	SKK
54	3/2/99	AS BUILT PER DCR-98-484	KMB	RVB	-	KM	TRH
53	11/16/98	AS BUILT PER MOD. NO. MI-97-021	KMB	RVB	--	KJ	SKK
52	8/19/98	AS BUILT PER DCR-98-229	KMB	RVB	--	KF	DKH

REVISIONS

QA CAT I.M.II/III

NUCLEAR SAFETY RELATED

JAMES A. FITZPATRICK
NUCLEAR POWER PLANT

FLOW DIAGRAM
RESIDUAL HEAT REMOVAL
SYSTEM 10

New York Power Authority

SCALE NONE
DWG NO FM-20A
REV 57
SHEET 1 OF 1
REF: ISI-FM-20A

FOR INFORMATION ONLY

UNCONTROLLED DRAWING

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D-5

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