POWER AUTHORITY OF THE STATE OF NEW YORK

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March 10, 1983
JPN-83-21

United States Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA 19406

Attention: Mr. Ronald C. Haynes
Regional Administrator

Subject: James A. FitzPatrick Nuclear Power Plant
Docket No. 50-333
Plant Drawing Update Schedule

References:

1. NRC letter, R. W. Starostecki to C. A. McNeill, Jr., dated May 14, 1982, concerning Inspection No. 82-08.

2. NRC letter, R. W. Starostecki to J. P. Bayne dated May 19, 1982, concerning Systematic Assessment of Licensee Performance.

3. PASNY letter, C. A. McNeill, Jr. to R. W. Starostecki dated August 6, 1982 (JAFP-82-0869).

4. PASNY letter, J. P. Bayne to R. C. Haynes, dated January 7, 1983 (JPN-83-01).

Dear Sir:

In response to Inspection Report No. 82-08 (Reference 1) and the SALP Report (Reference 2), the Power Authority submitted to the NRC a description of a program to update FitzPatrick plant drawings (Reference 3). The goal of this program is to assure that the drawings reflect the as-built status of the plant and to close out the backlog of plant modifications.

The Power Authority submitted a schedule for the drawing update program via Reference 4. As stated in the transmittal letter, that schedule was based on the time required to update all existing drawings for safety-related systems. Reference 4 also stated that a list of drawings to be continuously maintained in an updated condition would be developed. Based on this list, the schedule would be refined and condensed.

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Enclosed is the refined schedule which has been significantly improved. The schedule has been expanded to include all safety-related systems and, simultaneously, the required time to complete has been significantly shortened. The schedule now identifies the number of electrical one-line diagrams, equipment location drawings and flow diagrams which require review and possible updating. The refined schedule also identifies the number of modification packages which affect these drawings, and the schedule for completion of updates due to modifications. Finally, the schedule identifies the time required to update drawings and documents, other than FEs and FMs, which are affected by modifications.

This schedule identifies the Authority's drawing update activities for the 1983 calendar year. In 1983, the major effort is directed at safety-related systems and other systems which are important to safety. The majority of the updating work for these systems will be completed in 1983, as shown on the schedule. A small portion of the effort may extend into 1984. Updating of drawings for non-safety related systems will begin in 1983 and extend into 1984. As the updating effort progresses, the schedule for 1984 will be developed and submitted to you.

The refined schedule is based upon the scope of work, manpower available, and approved funding. The Power Authority considers this schedule to be realistic and achievable. The Authority is committed to completing the drawing update program in accordance with this schedule and achieving a final resolution of this issue.

If you have any questions regarding the enclosed schedule please contact Mr. J. A. Gray, Jr. of my staff.

Very truly yours,

G M. Wilverding

for J. P. Bayne
Executive Vice President
Nuclear Generation

cc: Mr. J. Linville
Resident Inspector
U.S. Nuclear Regulatory Commission
P.O. Box 136
Lycoming, New York 13093

PLANNED OUTAGE
O - OFFICE
F - FIELD

JAF SITE VERIFICATION
SCHEDULE OF WORK

REV. 0
DATE 2/18/83
SHEET 1 OF 1

SYS NO	SYSTEM TITLE		WEEK ENDS No. DWG.	REMARKS
15	R.B.C.L.COOLING WATER	O		
	FE	F		
	FM	O		
		F	1	
	(5) OPEN MODS	O		
		F		
	Other dwgs. and documents affected by mod.	O		
		F		
92	ELEC. POWER SYS. EMER	O		
93	EMERG. DIESEL GENS. FE	F	25	
	(Note 1) FM	O		
		F	6	
	(4) OPEN MODS	O		
		F		
	Other dwgs. and documents affected by mod.	O		
		F		
46	EMER. SERVICE WATER	O		
	FE	F		
	FM	O		
		F	2	
	(2) OPEN MODS	O		
		F		
	Other dwgs. and documents affected by mod.	O		
		F		
29	MAIN STEAM	O		
	FE	F	9	
	FM	O		
		F	31	
	(4) OPEN MODS	O		
		F		
	Other dwgs. and documents affected by mod.	O		
		F		
		O		
		F		

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1983
	1 8 15 22 29	5 12 19 26	5 12 19 26	2 9 16 23 30	7 14 21 28	4 11 18 25	2 9 16 23 30	6 13 20 27	3 10 17 24	1 8 15 22 29	5 12 19 26	3 10 17 24 31	

APPROVED BY: 2-18-83

W. Maitz

FE = Electrical Dwgs. (mostly diagrams)
FM = Mechanical Dwgs. (equipment arrangement & flow diagram)
MOD = Modification (relates to all systems)
O = Office Work and Drafting
F = Field Verification

Note 1: Emergency electrical power systems (System 92) includes AC and DC emergency power of all voltages.

PLANNED OUTAGE
O - OFFICE
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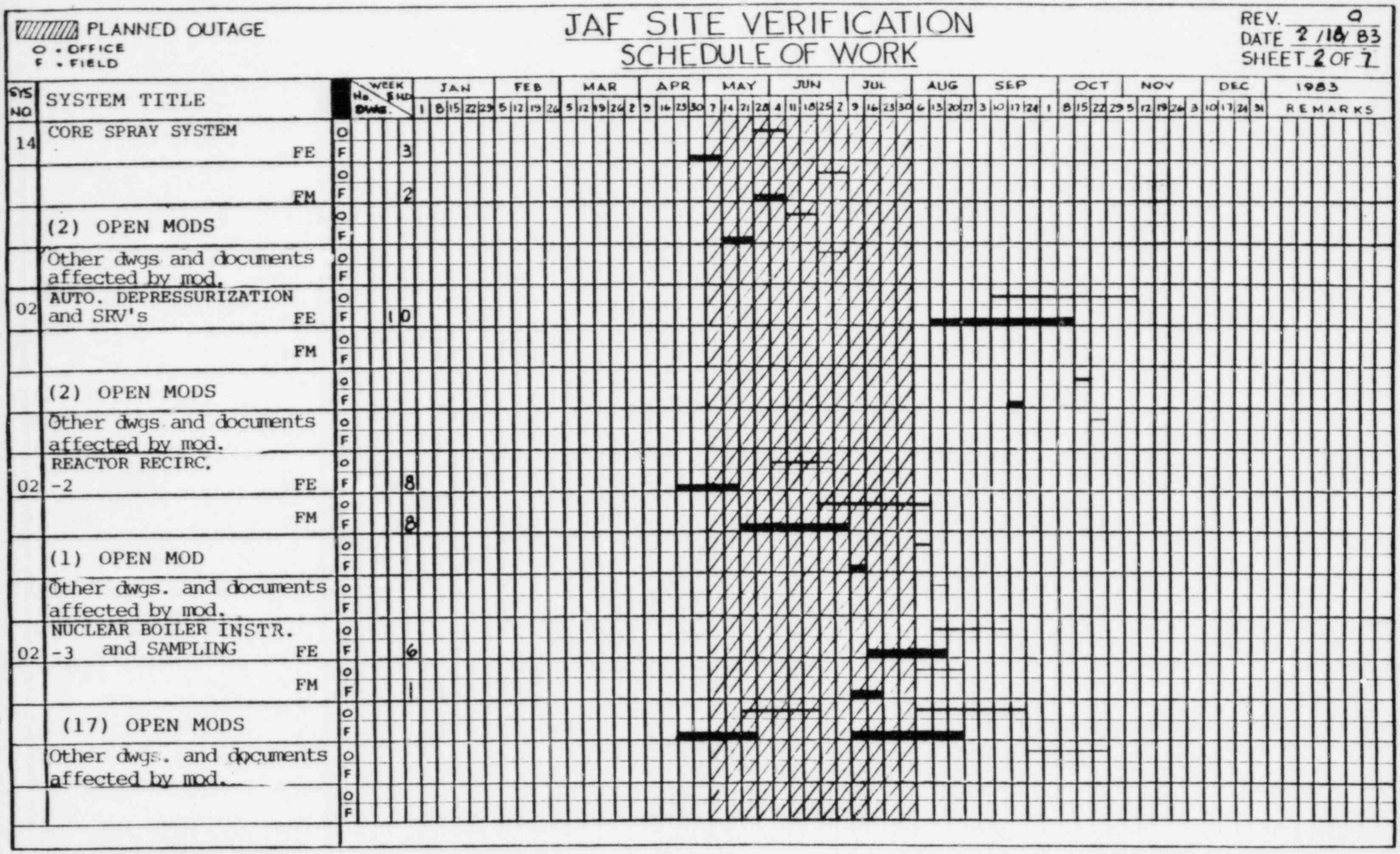
JAF SITE VERIFICATION
SCHEDULE OF WORK

REV. 0
DATE 2/18/83
SHEET 2 OF 7



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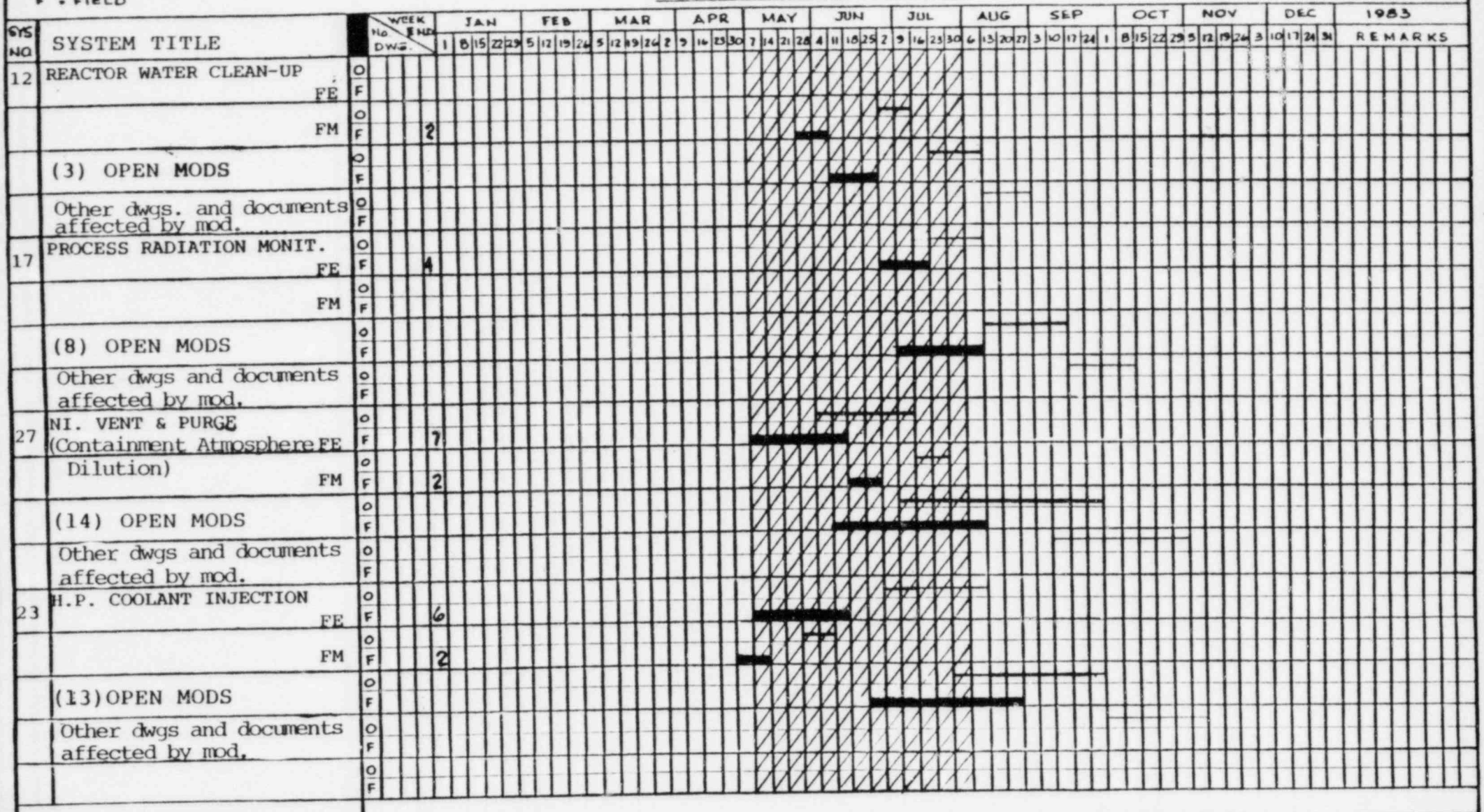
PLANNED OUTAGE
O • OFFICE
F • FIELD

JAF SITE VERIFICATION
SCHEDULE OF WORK

REV. 0
DATE 2/18/83
SHEET 3 OF 7



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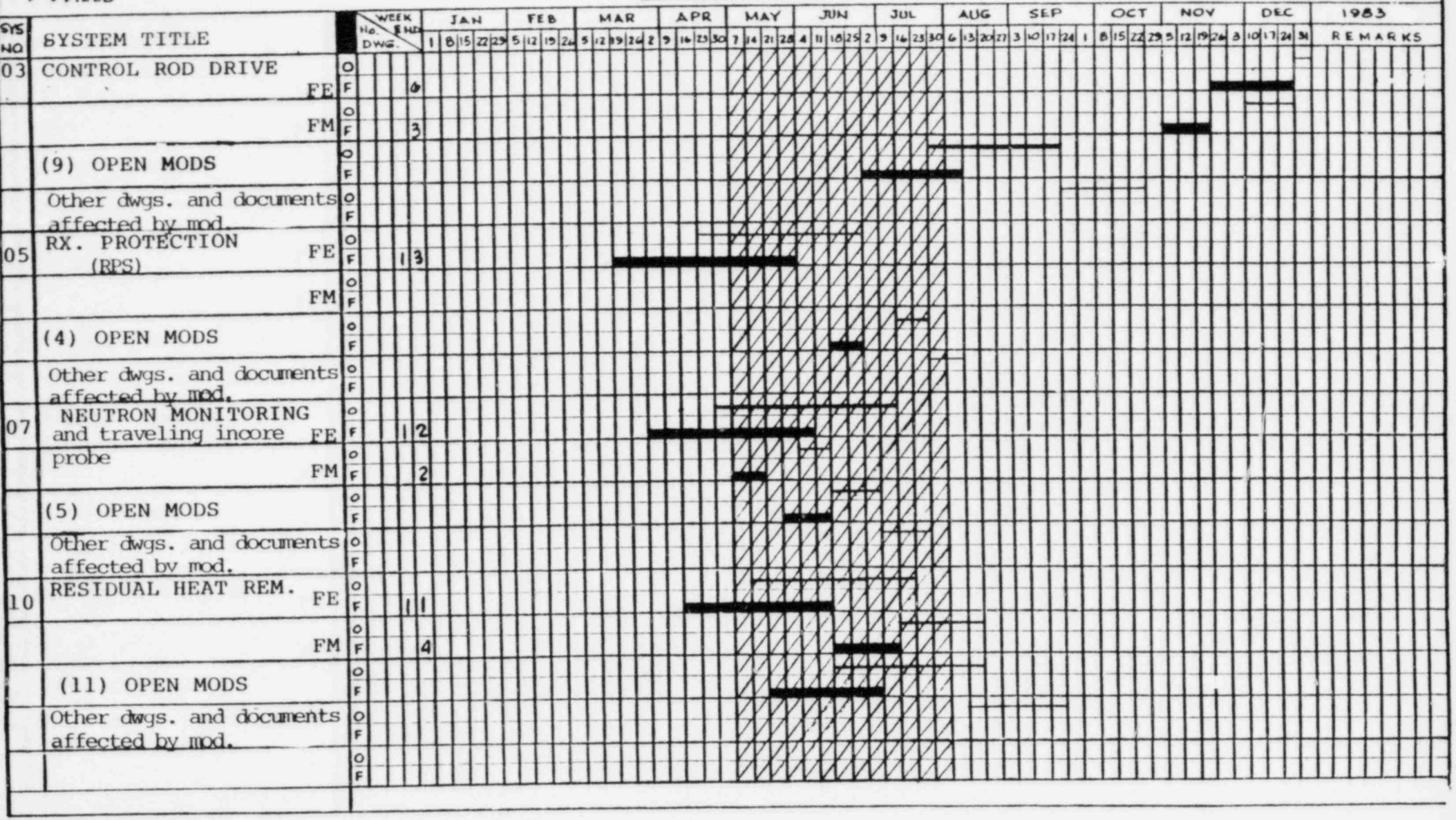
JAF SITE VERIFICATION
SCHEDULE OF WORK

REV. 0
DATE 2/18/83
SHEET 4 OF 7



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JAF SITE VERIFICATION
SCHEDULE OF WORK

REV. 0
DATE 2/18/83
SHEET 5 OF 7

SYS NO	SYSTEM TITLE		WEEK END No. DWG.	REMARKS
11	STAND-BY LIQUID CONT.	FE		
		FM	1	
	(1) OPEN MOD			
13	REACT. CORE ISOL. COOL (RCIC)	FE	9	
		FM	2	
	(10) OPEN MODS			
	Other dwgs. and documents affected by mod.			
16	PRIMARY CONT. (Mark I, Penetrations,	FE	5	
	Leak Rate, Monitoring instr.)	FM	1	
	(11) OPEN MODS			
	Other dwgs. and documents affected by mod.			
26	STACK (Sampling and instrumentation)	FE		
		FM	2	
	Other dwgs. and documents affected by mod.			

JAN 1 8 15 22 29 | FEB 5 12 19 26 | MAR 5 12 19 26 | APR 2 9 16 23 30 | MAY 7 14 21 28 | JUN 4 11 18 25 | JUL 2 9 16 23 30 | AUG 6 13 20 27 | SEP 3 10 17 24 | OCT 1 8 15 22 29 | NOV 5 12 19 26 | DEC 3 10 17 24 31 | 1983

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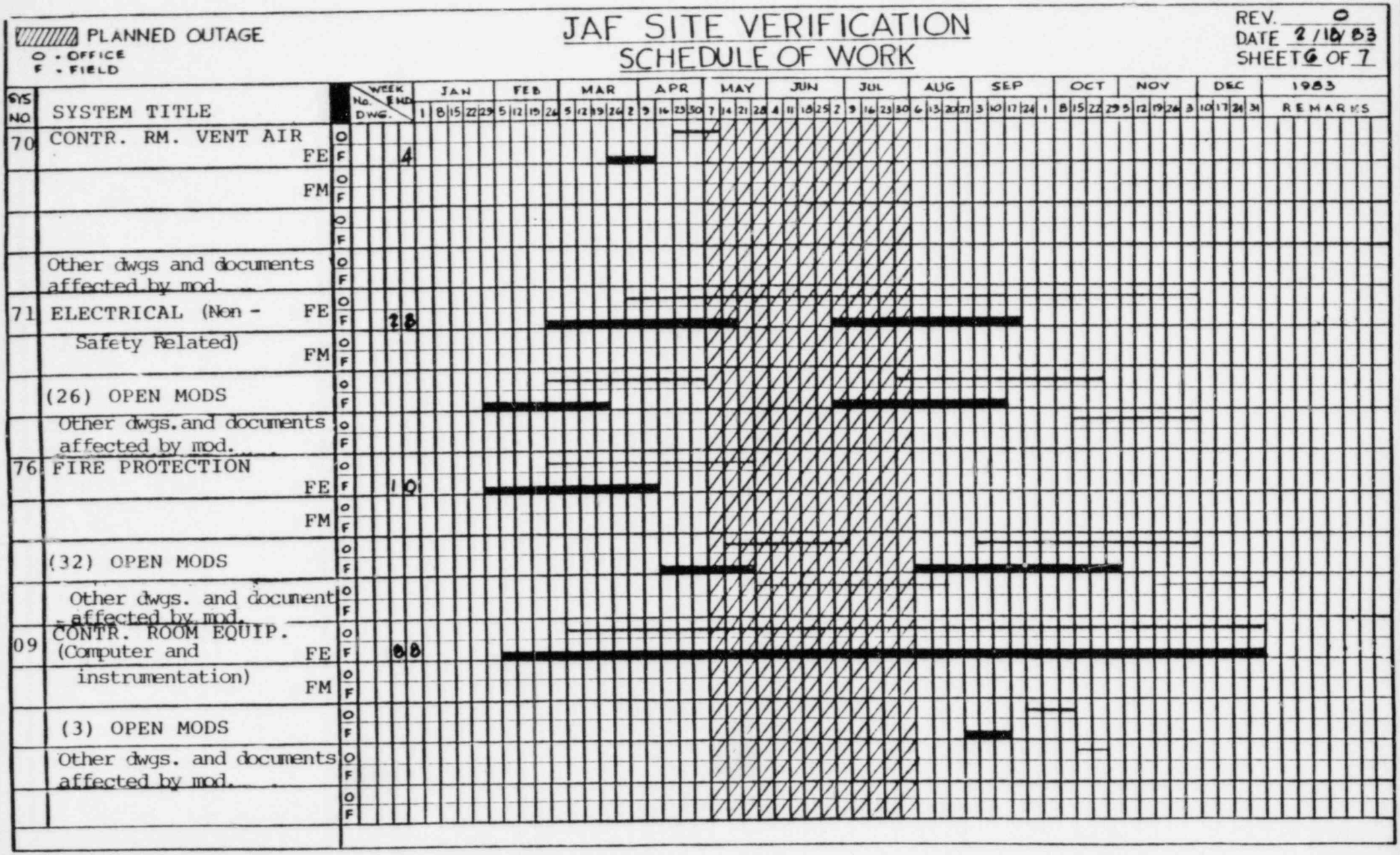

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PLANNED OUTAGE
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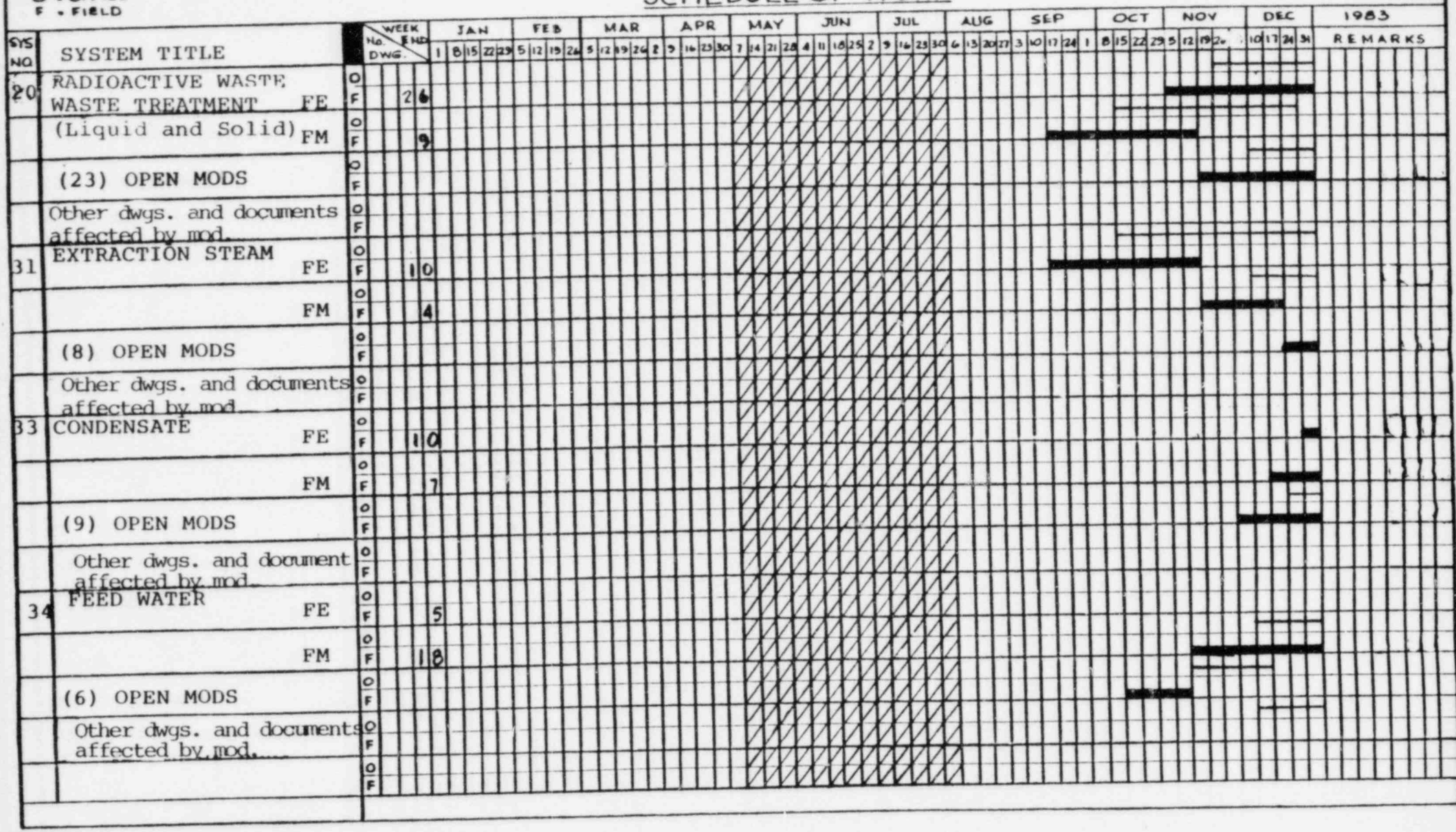
JAF SITE VERIFICATION
SCHEDULE OF WORK

REV. 0
DATE 2/18/83
SHEET 7 OF 7



SYS NO	SYSTEM TITLE		NO. DWG.	REMARKS
20	RADIOACTIVE WASTE WASTE TREATMENT	FE	26	
	(Liquid and Solid)	FM	9	
	(23) OPEN MODS			
	Other dwgs. and documents affected by mod.			
31	EXTRACTION STEAM	FE	10	
		FM	4	
	(8) OPEN MODS			
	Other dwgs. and documents affected by mod.			
33	CONDENSATE	FE	10	
		FM	7	
	(9) OPEN MODS			
	Other dwgs. and document affected by mod.			
34	FEED WATER	FE	5	
		FM	18	
	(6) OPEN MODS			
	Other dwgs. and documents affected by mod.			

FE = Electrical Dwgs. (mostly diagrams)
FM = Mechanical Dwgs. (equipment arrangement & flow diagram)
MOD = Modification (relates to all systems)

JAF SITE VERIFICATION

SUMMARY OF SYSTEMS

NO.	SYSTEM DESCRIPTION
01	OFF GAS
02	AUTOMATIC DEPRESSURIZATION -2 REACTOR RECIRCULATING WATER -3 NUCLEAR BOILER VESSEL INSTRUMENTATI
03	CONTROL ROD DRIVE HYDRAULIC
05	REACTOR PROTECTION SYSTEM
06	FEED WATER CONTROL
07	NEUTRON MONITORING
08	REFUELING EQUIPMENT
09	CONTROL ROOM EQUIPMENT
10	RESIDUAL HEAT REMOVAL
11	STANDBY LIQUID CONTROL
12	REACTOR WATER CLEAN UP
13	REACTOR CORE ISOLATION COOLANT
14	CORE SPRAY
15	REACTOR BUILDING CLOSED LOOP COOLING WATER
16	PRIMARY CONTAINMENT
17	PROCESS RADIATION MONITORING
18	AREA RADIATION MONITORING
19	FUEL POOL CLEAN UP
20	RADIOACTIVE WASTE
21	TEST EQUIPMENT
23	HIGH PRESSURE COOLANT INJECTION
24	SECONDARY CONTAINMENT
25	LOCAL PANEL & RACK
26	STACK
27	CONTAINMENT PURGE
29	MAIN STEAM
31	EXTRACTION STEAM
33	CONDENSATE
34	FEED WATER

NO.	SYSTEM DESCRIPTION
35	FEED WATER DRAIN & VENTS
36	CIRCULATION WATER
37	TURBINE BUILDING CLOSED LOOP COOLING WATER
38	MAIN CONDENSER VACUUM & AIR REMOVAL
39	COMPRESSED AIR
40	TURBINE LUBE OIL
41	MISCELLANEOUS DRAINS
42	RAW WATER TREATING
44	NUCLEAR EQUIPMENT DRAIN
45	NUCLEAR EQUIPMENT VENT
46	SERVICE WATER
51	CONTAMINATED LAUNDRY
63	AUXILIARY GAS TREATMENT
66	REACTOR BUILDING NORMAL VENT
67	TURBINE BUILDING VENT
68	DRYWELL COOLING
69	RADIOACTIVE BUILDING VENT
70	CONTROL ROOM VENT & AIR CONDITIONING
71	ELECTRICAL
72	ADMINISTRATION BUILDING VENT
73	SCREEN WELL AND PUMP HOUSE VENT
74	PLUMBING LAB & SANITARY EQUIPMENT
75	FLOOR & ROOF DRAINAGE
76	FIRE PROTECTION
77	YARD STORM DRAINAGE
78	YARD CITY WATER
87	PLANT HEATING BOILER
89	N_2 SYSTEM STORAGE
92	DIESEL GENERATOR ROOM
93	EMERGENCY DIESEL GENERATOR
94	MAIN TURBINE GENERATOR

NO.	SYSTEM DESCRIPTION
95	SAMPLE SYSTEM
97	SEWAGE TREATMENT FACILITY
98	CHEMICAL CLEANING
99	PERIMETER SECURITY