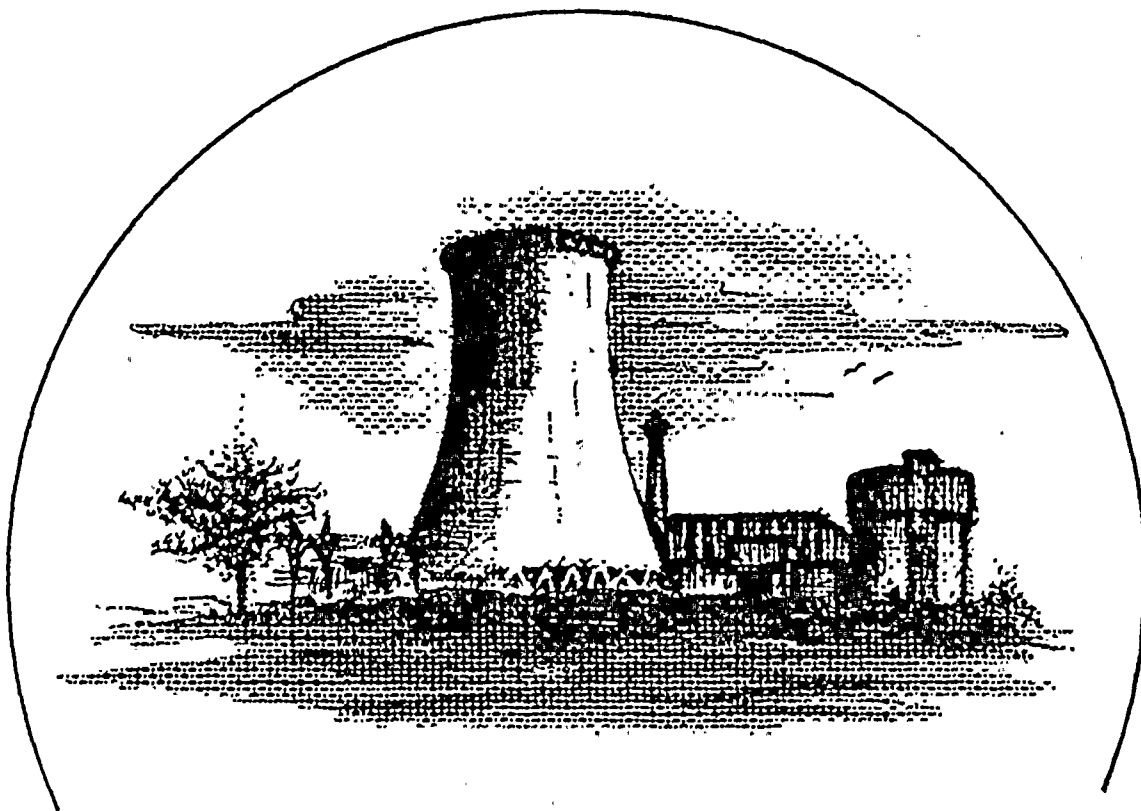


# Project Report



## Nine Mile Point Unit 2

Feb - 84 -

8411150115 841109  
PDR ADDCK 05000410  
R PDR





MONTHLY PROGRESS/STATUS REPORT  
TO  
NIAGARA MOHAWK POWER CORPORATION  
FOR  
NINE MILE POINT NUCLEAR STATION - UNIT 2

PREPARED BY  
STONE & WEBSTER ENGINEERING CORPORATION  
CHERRY HILL, NEW JERSEY

February 1984

## TABLE OF CONTENTS

### I. PROJECT OVERVIEW

- A. Project Statistical Overview
- B. Man-hours
- C. Total Costs - 1983/1984
- D. Expenditure Forecast and Monitoring Report
- E. Project Summary Network (preliminary form)

### II. ENGINEERING

- A. Man-hour Summary
- B. Drawing Status
- C. Large Bore Pipe Support Design Status
- D. Small Bore Pipe Support Design Status
- E. Small Bore Pipe and Tubing Design Status
- F. Cable Routing Schedule
- G. Cable Ticketing Schedule

### III. CONSTRUCTION

THIS SECTION TO BE PROVIDED UNDER SEPARATE COVER

### IV. SYSTEM STARTUP AND TEST

- A. Engineering Support of System Turnovers
- B. Turnover - Construction to AOD
- C. Turnover - AOD to NMPC

### V. MANAGEMENT ATTENTION ITEMS LIST

- A. Action Items
- B. GE Items
- C. Discussion Items

### VI. MEETING DATES FOR 1984

## I. PROJECT OVERVIEW

PROJECT STATISTICAL OVERVIEW

FEBRUARY 1984

	<u>PLAN</u> %	<u>ACTUAL</u> %	<u>VARIANCE</u> %
I. <u>Construction</u> (As of 1/84)			
To date	81.58	81.51	(0.7)
1984 Cumulative	1.55	1.48	(0.7)
Increment for Month	1.55	1.48	(0.7)
II. <u>Cash Flow</u> (in millions of dollars) (As of 2/84)			
To date	\$2,106.2	\$2,094.8*	\$(11.4)
1984 Cumulative	112.7	105.6	(7.1)
Increment	65.3	60.0	(5.3)

---

( ) = Below Plan

\*Includes Unit 2 Administration Building cost and AFUDC cost  
(2.582 and 5.291 respectively).

# MAN-HOURS

(Below)/Above Planned

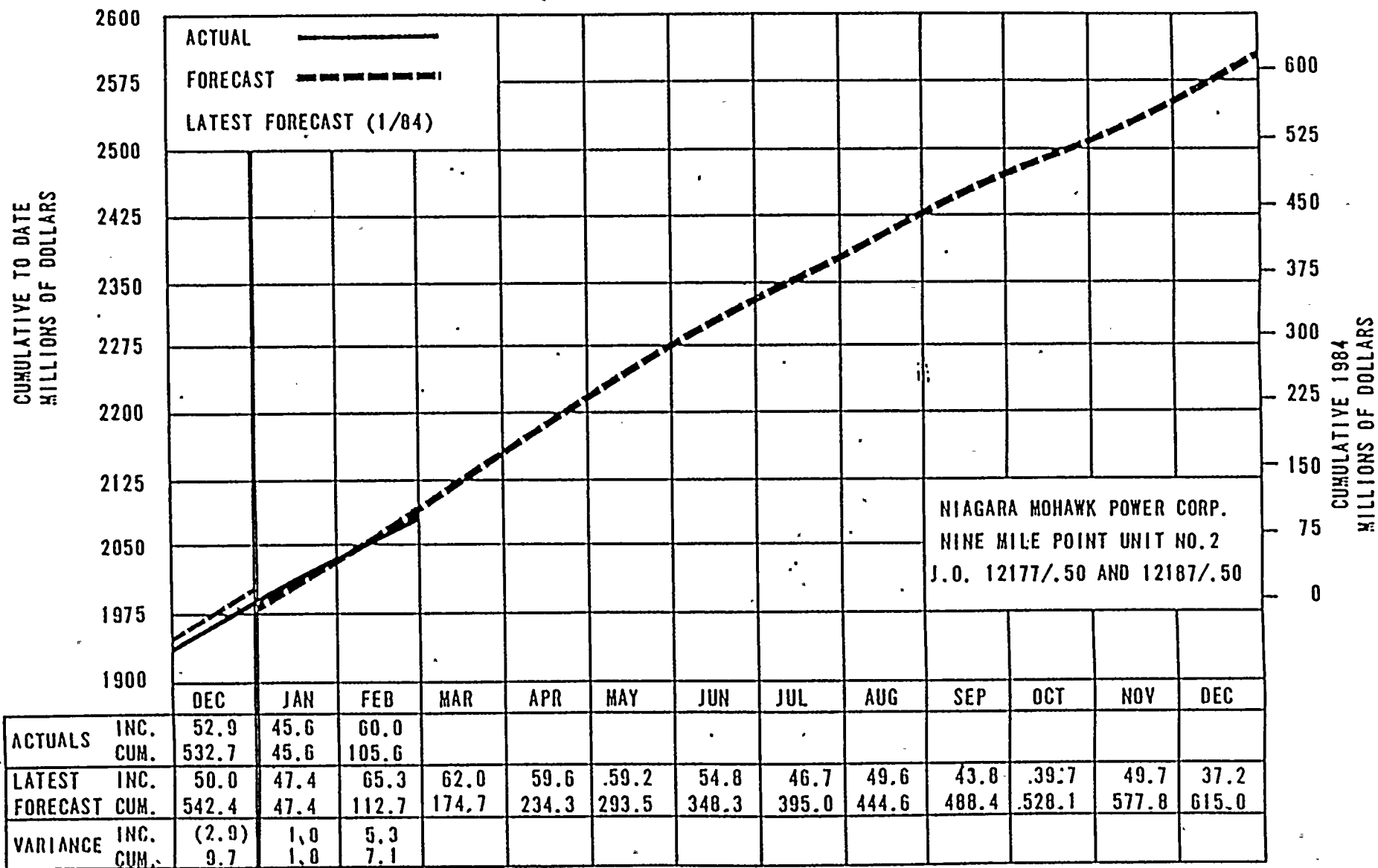
	<u>Engineering and Design</u>			<u>Total Headquarters</u>			<u>Manual</u>			<u>Nonmanual</u>		
	Planned	Actual	Variance	Planned	Actual	Variance	Planned	Actual	Variance	Planned	Actual	Variance
<u>1984</u>												
Jan	200,189	166,807	(33,382)	233,163	200,465	(32,698)	685,820	636,423	(49,397)	271,336	264,819	(6,517)
Feb	201,847			235,546			995,915			349,580		
Mar	213,157			249,544			790,750			288,176		
Apr	172,207			204,782			816,382			296,206		
May	173,952			208,917			989,195			379,748		
June	161,843			194,241			748,798			310,838		
July	156,454			186,592			590,621			301,657		
Aug	162,085			196,021			692,125			376,192		
Sep	144,885			174,703			453,948			300,601		
Oct							411,607			298,861		
Nov							463,741			370,256		
Dec							317,207			291,037		

Engineering and Design - Includes Division 30, SEO, AOD, and Toronto; excludes REO.

Headquarters - Includes Engineering and Design, Project Services, QA/QC (including District PQA) and Toronto.

Nonmanual and Manual - Includes FQC and REO man-hours; excludes hard money contracts.

# TOTAL PROJECT COSTS FOR CURRENT YEAR (1984)



( ) : OVERRUN

CH00-100



11-24-Feb-84 11

11COST COMMITMENT STATUS REPORT11

DESCRIPTION	8/15/80 ESTIMATE		1/1/83 ESTIMATE	1-15-84 MOD 1 ESTIMATE	1/84 CONTRACT COMMITMENT	1/84 EXPENDED	ESTIMATED COST TO COMPLETE
	ORIGINAL	REFORMATED					
A. CONSTRUCTION							
1. CONTRACTS							
a. WALEN	\$176,261	\$179,915	\$192,455	\$222,058	\$211,130	\$206,950	\$15,118
b. ITT GRINNELL	\$126,732	\$144,391	\$223,574	\$230,251	\$218,401	\$161,837	\$68,417
c. L K CONSTOCK	\$59,619	\$61,291	\$75,990	\$97,149	\$71,475	\$69,773	\$28,376
d. JOHNSON CONTROLS	\$13,135	\$14,878	\$21,423	\$21,403	\$21,423	\$7,694	\$13,709
e. SCHNEIDER PWR	\$9,029	\$9,029	\$11,041	\$15,426	\$13,418	\$12,414	\$4,012
f. OTHER	\$284,152	\$292,069	\$315,671	\$321,819	\$276,683	\$245,570	\$76,240
2. SWEET LABOR	\$182,715	\$203,576	\$213,322	\$283,541	\$177,302	\$177,302	\$106,239
3. WORK COMP. & INSUR.	\$35,650	\$35,650	\$37,612	\$37,813	\$16,830	\$16,830	\$20,983
4. FIELD P.O.'s & UTIL.	\$113,215	\$121,757	\$142,413	\$173,155	\$162,181	\$155,496	\$17,659
SUBTOTAL	\$999,509	\$1,062,514	\$1,233,501	\$1,403,619	\$1,168,843	\$1,052,866	\$350,753
B. HEADQUARTERS							
1. HQ SERVICES	\$382,891	\$388,231	\$415,184	\$545,353	\$414,679	\$414,679	\$150,704
2. PEA SERVICES	\$25,002	\$25,002	\$33,361	\$38,549	\$26,494	\$26,494	\$12,055
3. CHOC P.O.'S							
a. NSSE & PSCC	\$145,934	\$145,934	\$120,018	\$208,927	\$489,756	\$151,833	\$56,994
b. T.S.	\$36,306	\$36,308	\$36,308	\$36,308	INC ABOVE	\$36,308	\$0
c. OTHER	\$230,470	\$235,906	\$254,650	\$275,935	INC ABOVE	\$214,865	\$61,071
SUBTOTAL (1)	\$820,603	\$831,291	\$859,521	\$1,125,003	\$929,929	\$844,179	\$280,824
C. CLIENT COST	\$234,589	\$234,989	\$222,978	\$238,214	\$137,752	\$137,752	\$100,462
D. CONTINGENCY	\$345,000	\$271,286	\$334,000	(\$26,410)	\$0	\$0	(\$26,410)
GRAND TOTAL	\$2,400,000	\$2,400,000	\$2,650,000	\$2,740,421	\$2,236,524	\$2,034,797	\$705,629

(1) CLIENT COST INCLUDES UNIT 12 ADMIN BLDG COST & AFUDC COST (\$2,581,451 & \$5,290,799 RESP.)

11 NOTE: ALL DOLLARS ARE IN THOUSANDS 11

EFNCUL010-01

PAGE 1

CUMULATIVE

THROUGH 1965

	DATE	TIME	BY	REMARKS
C	JAN 84	TOTAL		

## CONSTRUCTION

## WALSH CONSTRUCTION (AE)

[illegible]

ITT GRINNELL (AP)

[illegible]

~~LEK. COMSTOCK (AT)~~

[illegible]

## JOHNSON CONTROLS (AR)

[illegible]

## SCHEIDER POWER (AW)

[illegible]

## WILTSIE- (AT)

[illegible]

**SNYDER & HACKIN-SCHAEFFER (MZ)**

[illegible]

## CIVES (UF)

[illegible]

## REACTOR CONTROLS INC., (ANI)

[illegible]

GENERAL ELECTRIC (ON)

F	146	146	548	474	647	' 553 '	-- 453	547	453	"452"	....268		201	.	146	..	4'890
A	109	0	0	0	0	0	0	0	0	0	0		0		109		0
V	43	0	0	0	0	0	0	0	0	0	0		0		43		0

(000 X 1.000)

## EXPENDITURE FORECAST AND MONITORING REPORT

L010-01

RUN DATE 840221

1984

PAGE 2

CUMULATIVE

THROUGH 1984

ITEM DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 84	TOTAL
<b>R.A. KEASHY (AQ)</b>														
F	14	150	31	40	79	150	225	265	300	330	413	300	14	2,372
A	14	0	0	0	0	0	0	0	0	0	0	0	14	0
V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>OTHER CONTRACTS</b>														
F	1,057	619	3,391	1,052	1,483	2,170	1,417	1,254	1,227	1,447	1,827	1,625	1,057	18,570
A	658	0	0	0	0	0	0	0	0	0	0	0	658	0
V	399	0	0	0	0	0	0	0	0	0	0	0	399	0
<b>SWFC LABOR</b>														
F	6,278	9,547	7,817	8,865	9,635	8,742	7,334	5,129	7,158	7,990	7,794	6,957	6,278	96,747
A	6,717	0	0	0	0	0	0	0	0	0	0	0	6,717	0
V	439	0	0	0	0	0	0	0	0	0	0	0	439	0
<b>WC/OTHER INSURANCES</b>														
F	510	510	510	510	510	510	173	173	173	173	173	175	510	4,100
A	13	0	0	0	0	0	0	0	0	0	0	0	13	0
V	497	0	0	0	0	0	0	0	0	0	0	0	497	0
<b>FIELD PURCHASE ORDERS</b>														
F	2,500	2,664	2,344	2,500	2,821	2,431	2,400	2,586	2,500	2,200	2,527	2,527	2,500	30,000
A	2,119	0	0	0	0	0	0	0	0	0	0	0	2,119	0
V	381	0	0	0	0	0	0	0	0	0	0	0	381	0
<b>UTILITIES</b>														
F	504	544	609	643	577	563	545	393	350	340	364	380	504	5,815
A	364	0	0	0	0	0	0	0	0	0	0	0	364	0
V	139	0	0	0	0	0	0	0	0	0	0	0	139	0
<b>SUBTOTAL FOR CONSTRUCTION</b>														
F	28,331	37,423	35,124	33,768	38,761	33,565	29,292	30,593	24,576	23,110	24,858	20,579	28,331	360,000
A	24,136	0	0	0	0	0	0	0	0	0	0	0	24,136	0
V	4,195	0	0	0	0	0	0	0	0	0	0	0	4,195	0

6

(DOLLARS X 1,000)

## EXPENDITURE FORECAST AND MONITORING REPORT

EFMCUL010-01

RUN DATE 84G221

1984

PAGE 3

CUMULATIVE

THROUGH 1984

ITEM DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 84	TOTAL
HEADQUARTER'S LABOR														
H.O. LABOR (LESS OA/OC)														
F	7,012	7,090	8,085	9,092	10,194	10,727	8,620	9,069	8,395	8,123	0,539	7,567	7,012	104,171
A	7,030	0	0	0	0	0	0	0	0	0	0	0	7,030	0
V	18	0	0	0	0	0	0	0	0	0	0	0	18	0
TORONTO														
F	119	152	154	263	363	365	369	119	104	98	20	26	119	2,153
A	152	0	0	0	0	0	0	0	0	0	0	0	152	0
V	34	0	0	0	0	0	0	0	0	0	0	0	34	0
OA/OC (LESS POC)														
F	282	241	304	288	287	307	264	274	301	261	271	299	282	3,380
A	360	0	0	0	0	0	0	0	0	0	0	0	360	0
V	78	0	0	0	0	0	0	0	0	0	0	0	78	0
DISTRICT POC														
F	183	156	187	189	189	184	184	140	141	94	94	93	183	1,794
A	190	0	0	0	0	0	0	0	0	0	0	0	190	0
V	7	0	0	0	0	0	0	0	0	0	0	0	7	0
SUBTOTAL FOR HEADQUARTER'S LABOR														
F	7,596	7,648	9,531	10,631	11,032	11,564	9,418	9,603	8,941	8,576	8,974	7,985	7,596	111,498
A	7,732	0	0	0	0	0	0	0	0	0	0	0	7,732	0
V	136	0	0	0	0	0	0	0	0	0	0	0	136	0

RUN DATE 040221

## 1984

0:0-01

PAGE 4

**CUMULATIVE**

ITEM	DESCRIPTION
------	-------------

JAN

**FEA**

MAR

APR

**MAY**

JUN

JUL

**AUC**

**See**

OC

**ND**

DE

**JAN**

re

NO. PURCHASED MATERIAL  
COMMITTED PURCHASE ORDERS

[illegible]

### UNCOMMITTED PURCHASE ORDERS

[illegible]

## NUCLEAR STEAM SUPPLY SYSTEM

[illegible]

**SUBTOTAL FOR HQ. PURCHASED MATERIAL**

F	8;908	11;038	10;530	12;013	6;154	6;237	4;061	5;297	4;017	3;546	5;016	3;670	8;908	80;502
A	5,503	0	0	0	0	0	0	0	0	0	0	0	5,503	0
V	3,404-	0	0	0	0	0	0	0	0	,0	0	0	3,404-	0

(DOLLARS X 1,000)

## EXPENDITURE FORECAST AND MONITORING REPORT

EFMCHL010-01

RUN DATE 040221

1984

PAGE 5

CUMULATIVE

THROUGH 1984

JAN 84 TOTAL

ITEM  
DESCRIPTION

JAN

FEB

MAR

APR

MAY

JUN

JUL

AUG

SEP

OCT

NOV

DEC

CLIENT'S COST  
CLIENT'S COST

F	2.579	9.222	6.854	3.122	3.277	3.456	3.904	4.076	6.243	4.496	10.887	4.884	2.579	63.000
A	8.193	0	0	0	0	0	0	0	0	0	0	0	8.193	0
V	5.614	0	0	0	0	0	0	0	0	0	0	0	5.614	0

SUBTOTAL FOR CLIENT'S COST

F	2.579	9.222	6.854	3.122	3.277	3.456	3.904	4.076	6.243	4.496	10.887	4.884	2.579	63.000
A	8.193	0	0	0	0	0	0	0	0	0	0	0	8.193	0
V	5.614	0	0	0	0	0	0	0	0	0	0	0	5.614	0

GRAND TOTAL

F	47.413	65.331	62.039	59.554	59.224	54.817	46.675	49.570	43.777	39.729	49.734	37.138	47.413	615.000
A	45.564	0	0	0	0	0	0	0	0	0	0	0	45.564	0
V	1.849	0	0	0	0	0	0	0	0	0	0	0	1.849	0

II. ENGINEERING

STONE & WEBSTER ENGINEERING CORPORATION

PROJECT STATUS INDEX REPORT EMS-SI  
SORTED BY DIVISION

PROJECT TITLE			CLIENT		JOB ORDER NO.		STATUS AS OF: 01FEB84			REPORT DATED: 13FEB84		
NINE MILE 2 NUCLEAR POWER STATION			INPC		12177		LEVEL-1/3 OAT ENG/DSH WITH TORONTO			CURRENT PERIOD IS 01JAN84 TO 31JAN84		
PROJECT SUMMARY												

NOTES:

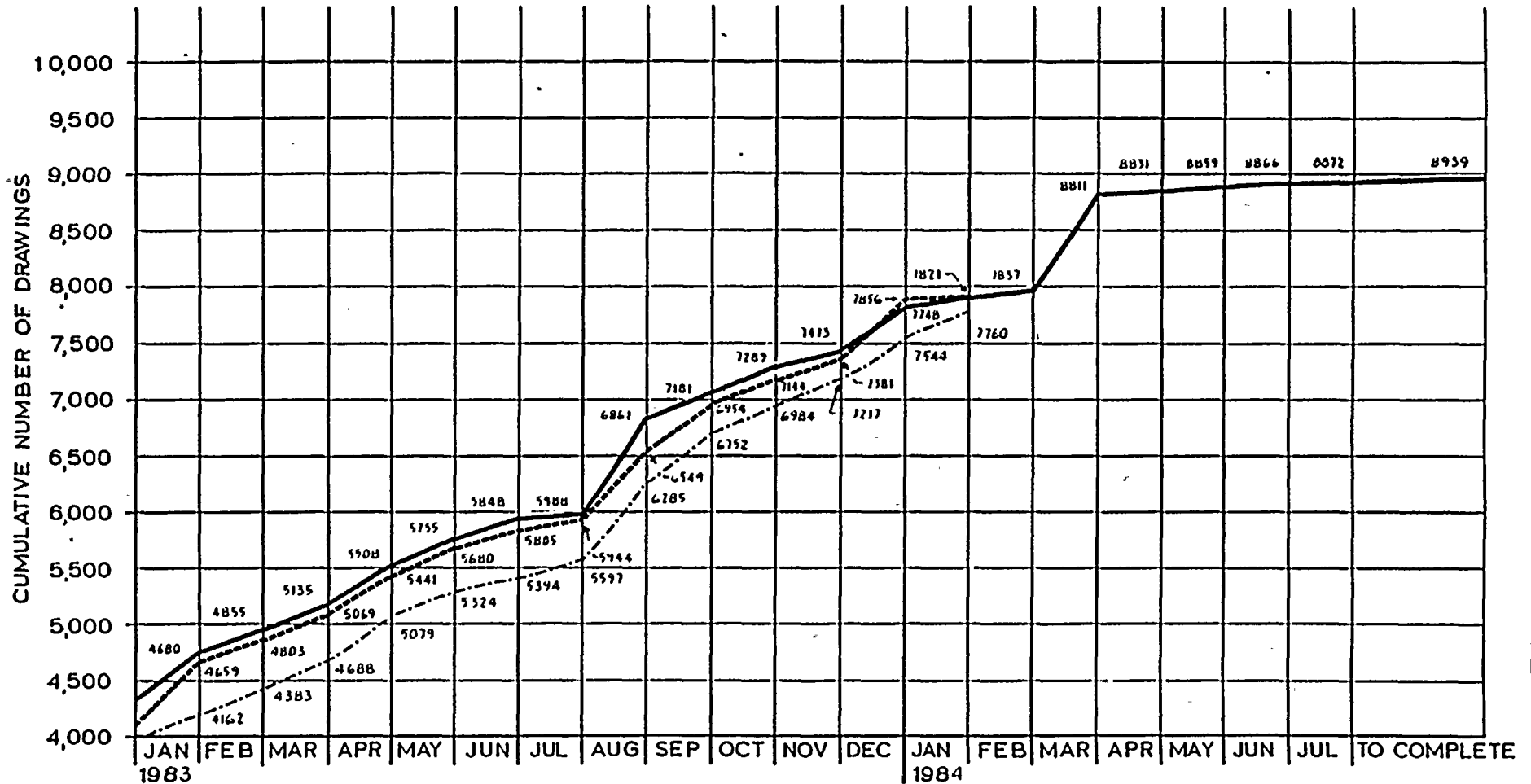
1. Cumulative to date is from October 1, 1983 i.e., fiscal 1984 only.
2. Planned man-hours and progress reflects a Nov. 1, 1983 EMS base plan. Approximately 359,000 man-hours have been added since that date. These additional hours are not included in the planned man-hours and progress. However, they are included in the Actual Progress.



# SUMMARY OF DRAWINGS FOR TOTAL PROJECT AS OF JANUARY 31, 1984


<u>Discipline</u>	<u>Total No. of Drawings Estimated</u>	<u>Total No. of Drawings Issued to Construction</u>	<u>Total No. of Drawings Issued to Construction at 90%</u>
Architecture	110	108	108
Building Service LB	418	412	377
Concrete	840	840	840
Electrical	2099	1967	1929
Field Erection	25	25	25
Instrumentation (BK, DK, EK)	1511	1305	1273
Machine Location	119	117	106
Piping LB	586	568	555
Radwaste (DB, DP)	319	300	291
Small Bore DBs	308	307	306
Small Bore DPs	1065	1006	976
Steel	451	449	447
Vessel	494	455	456
Civil	62	50	49
Pipe Support Locations	<u>531</u>	<u>459</u>	<u>444</u>
	8938	8368	8182
		94%	91%

# LATE ISSUE TREND CURVE FOR ALL PROJECT DRAWINGS

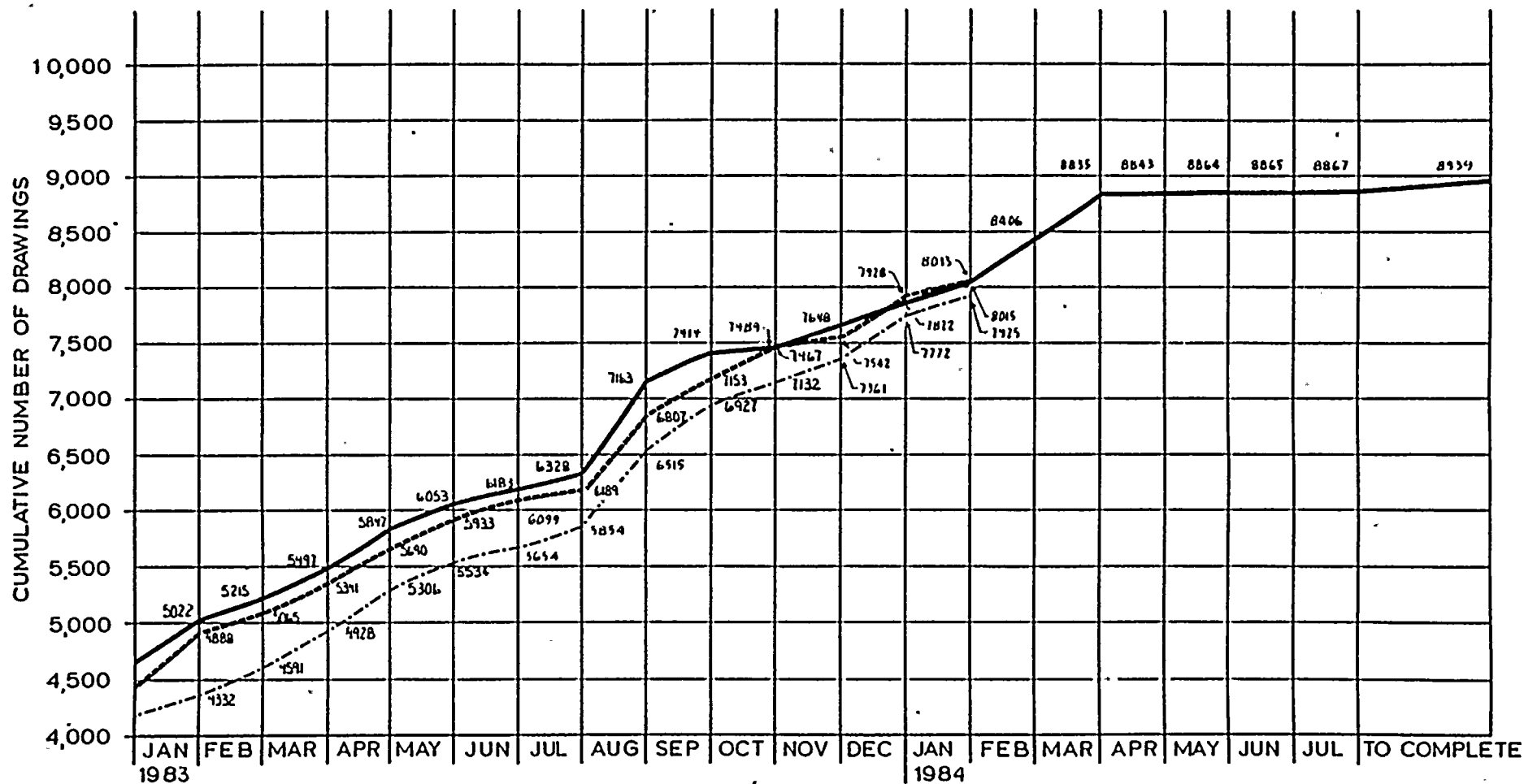


## LEGEND

- SCHEDULED LATE ISSUE CURVE AS OF 7-13-84 DSR RUN.
- - - - - TOTAL NO. DWGS. ISSUED FOR CONSTR. OF THOSE SCHEDULED.
- ..... TOTAL NO DWGS ISSUED AT 90% FOR CONSTRUCTION OF THOSE SCHEDULED.

 <b>STONE &amp; WEBSTER ENGINEERING CORP.</b> CHERRY HILL OPERATIONS CENTER	<b>DRAWING TREND CURVE</b>
<b>NIAGARA MOHAWK POWER CORP.</b>	STATUS AS OF 7-31-84

# EARLY ISSUE TREND CURVE FOR ALL PROJECT DRAWINGS



## LEGEND

- SCHEDULED EARLY ISSUE CURVE AS OF 2-13-84 DSR RUN.
- - - TOTAL NO. DWGS. ISSUED FOR CONSTR. OF THOSE SCHEDULED.
- ..... TOTAL NO DWGS ISSUED AT 90% FOR CONSTRUCTION OF THOSE SCHEDULED.



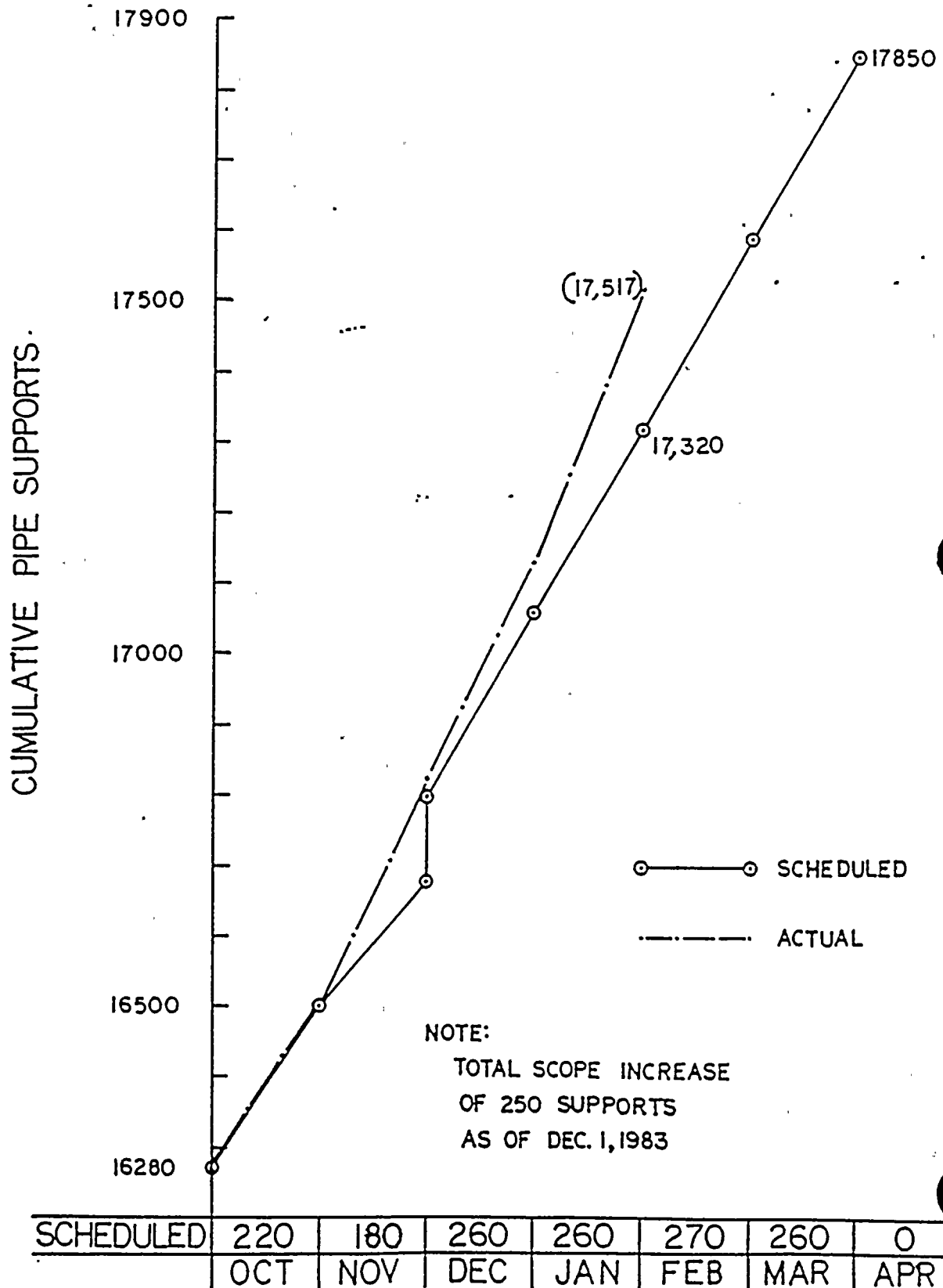
STONE & WEBSTER ENGINEERING CORP.  
CHERRY HILL OPERATIONS CENTER

DRAWING TREND CURVE

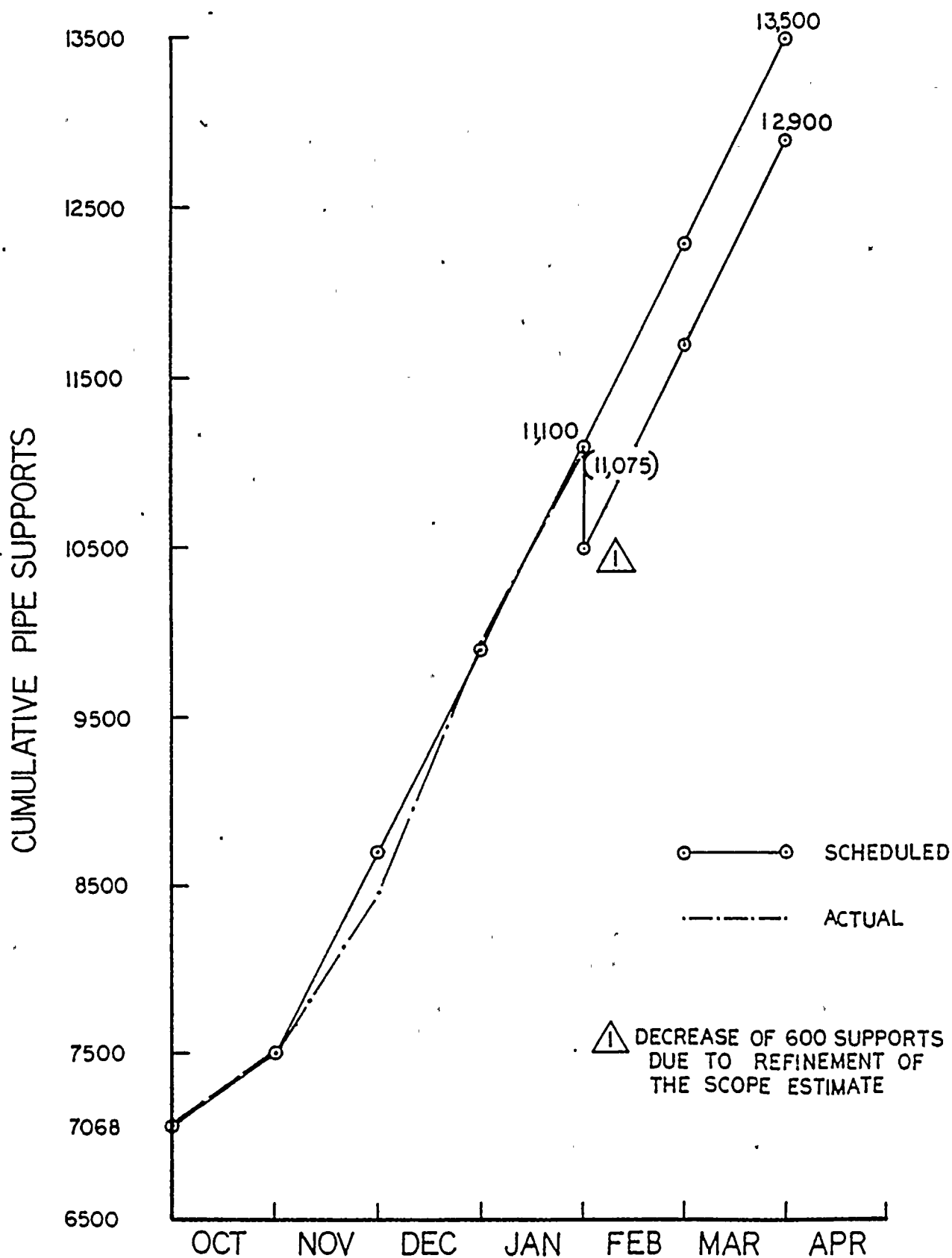
NIAGARA MOHAWK  
POWER CORP.

STATUS AS OF: 1-31-84

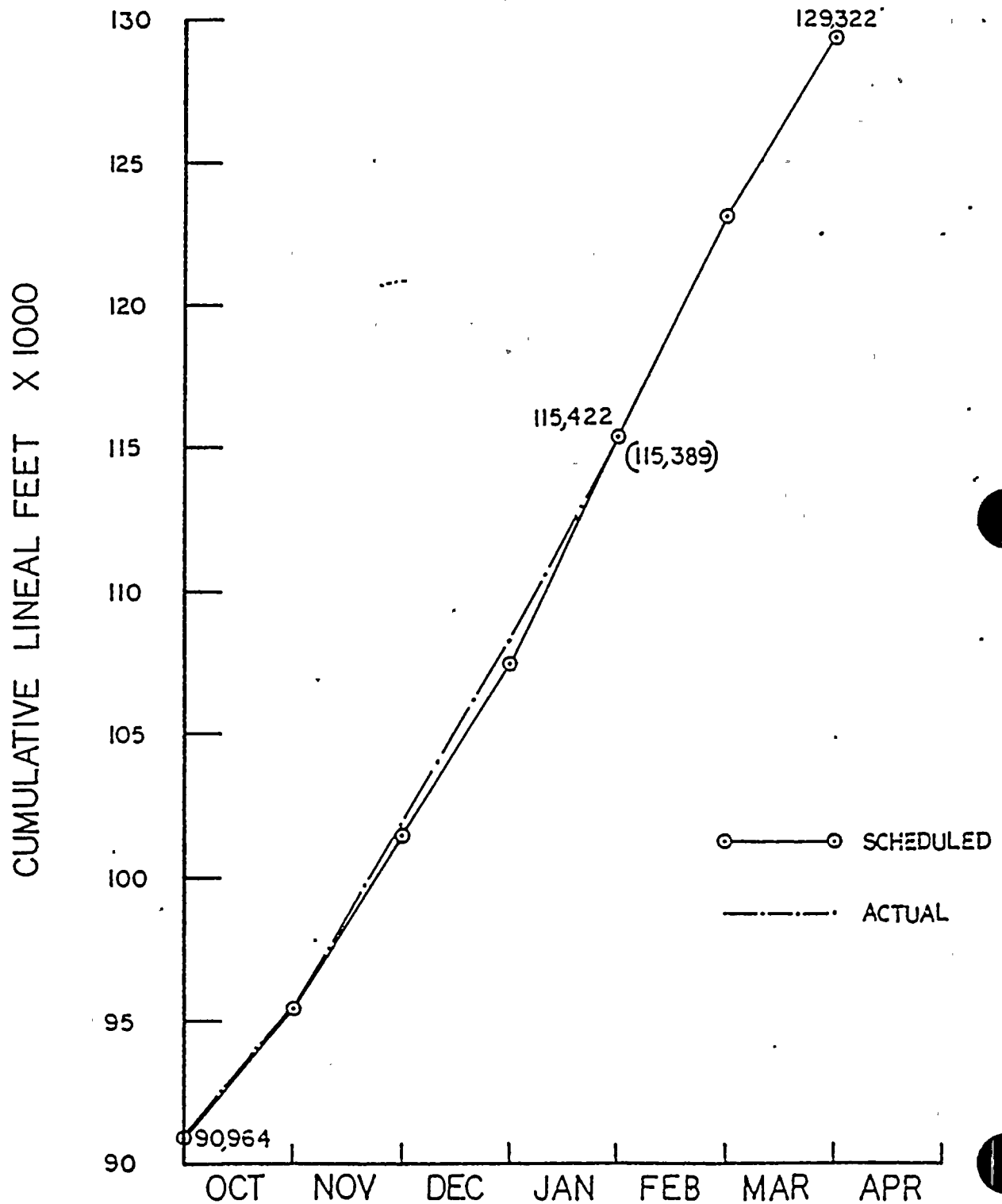
# 1984 LARGE BORE PIPE SUPPORT DESIGN



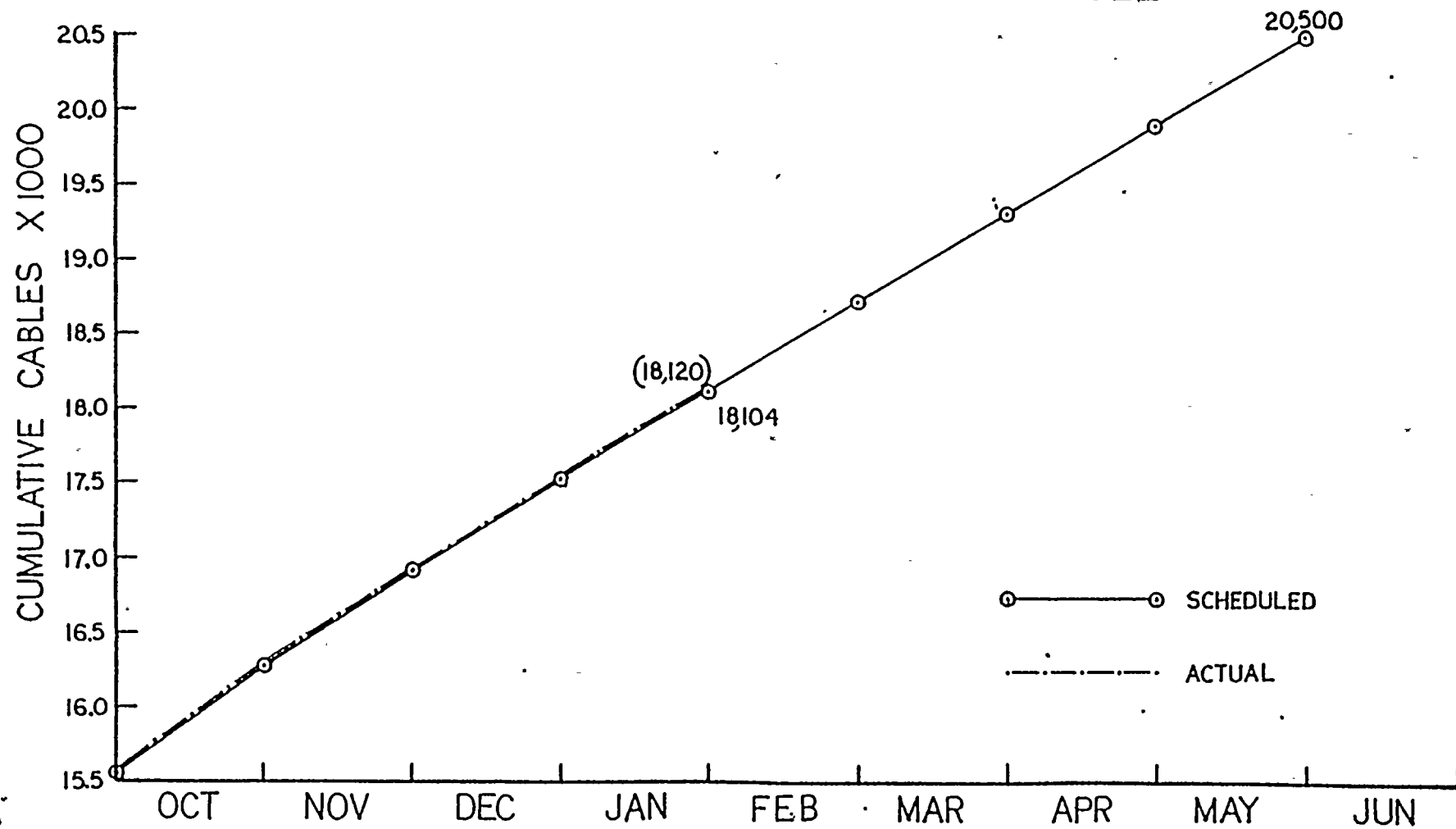
# 1984 SMALL BORE PIPE SUPPORT DESIGN



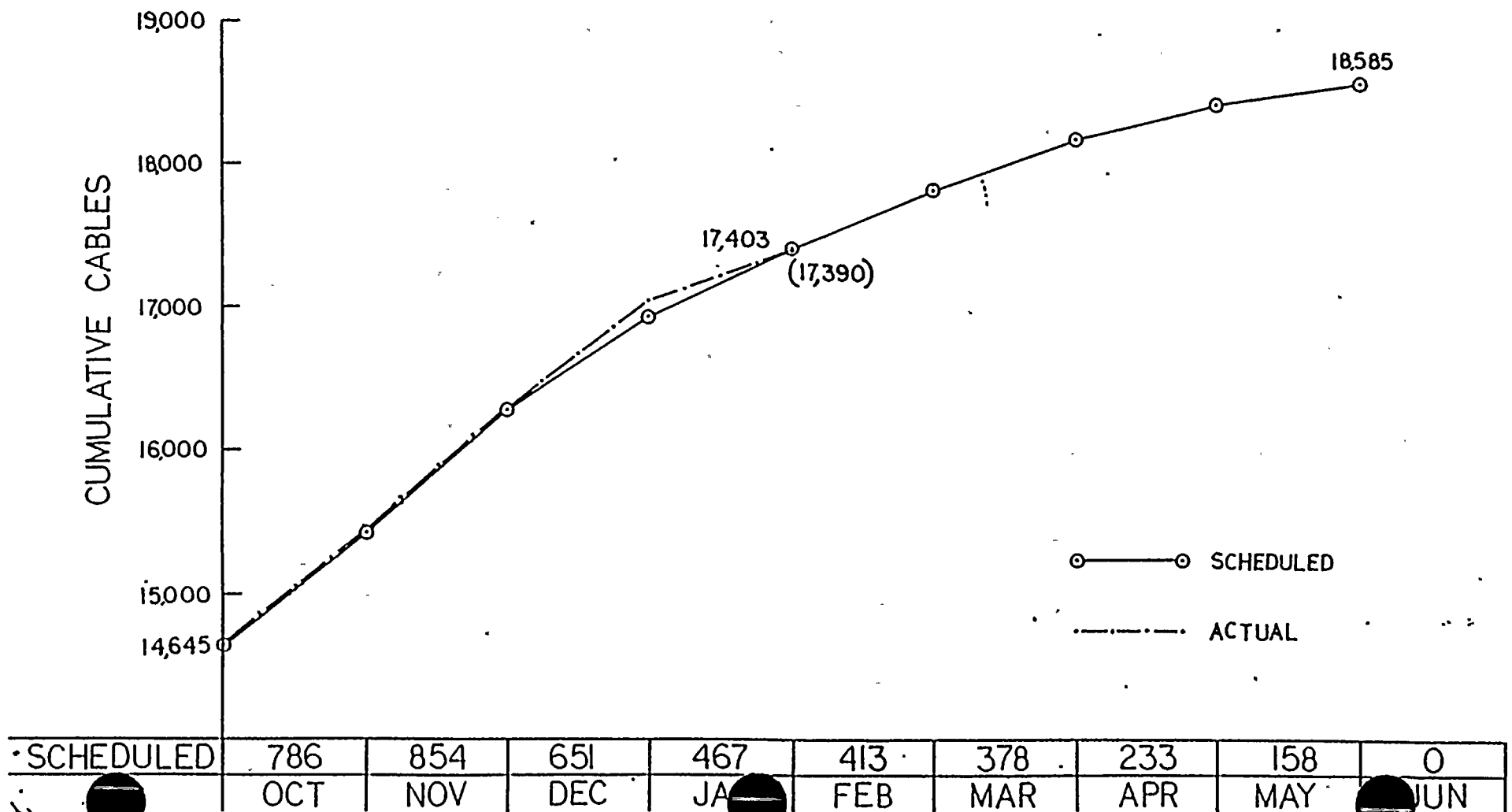
# 1984 SMALL BORE PIPE AND TUBING DESIGN



## 1984 CABLE ROUTING SCHEDULE



# 1984 CABLE TICKETING SCHEDULE



SCHEDULED	786	854	651	467	413	378	233	158	0
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN



### III. CONSTRUCTION

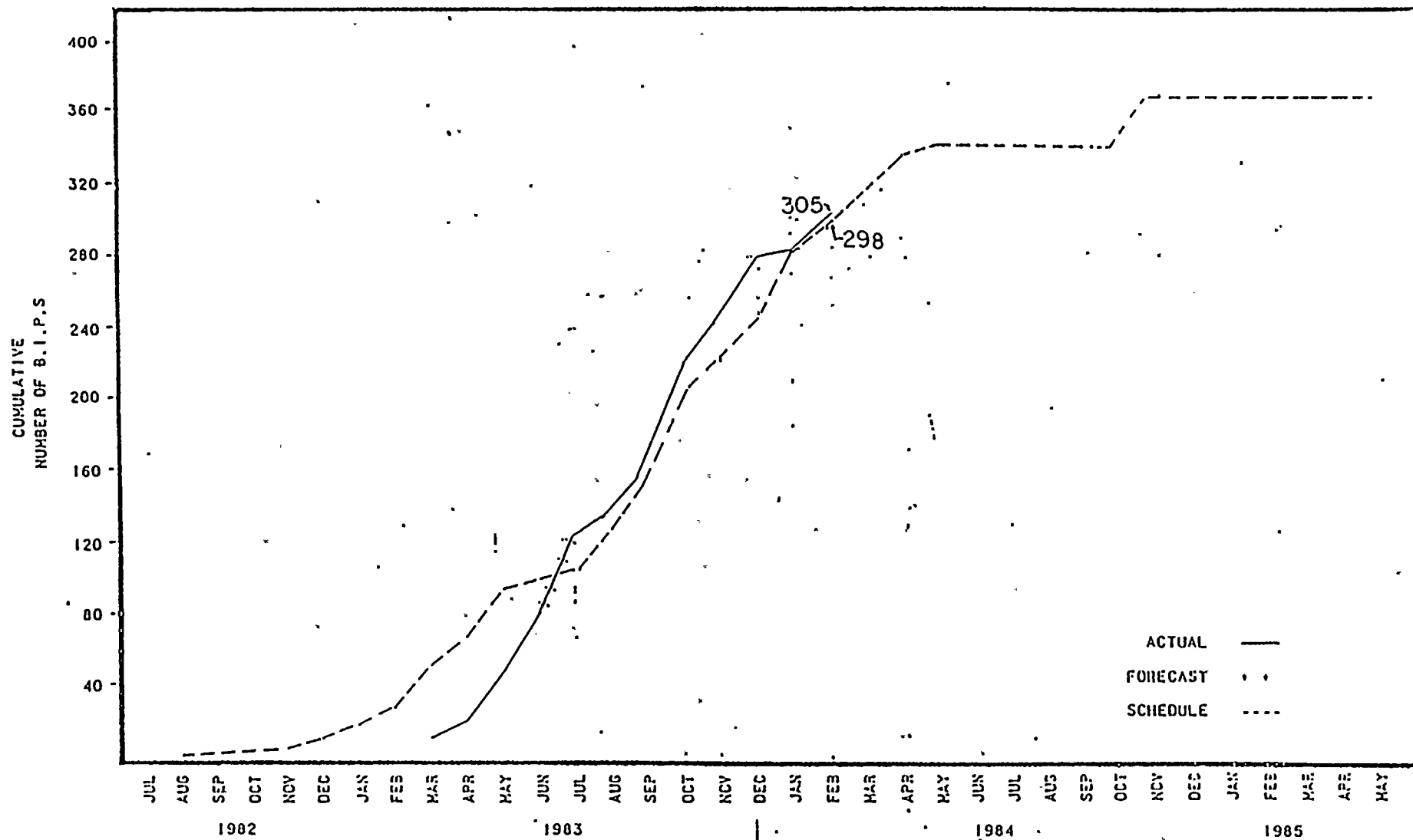
(THIS SECTION WILL BE PROVIDED UNDER SEPARATE COVER)

#### IV. SYSTEM STARTUP AND TEST

# 11 MONTH SCOPE REVIEW MEETINGS

ATTACH. NO. 2

AS OF FEB 29, 1984



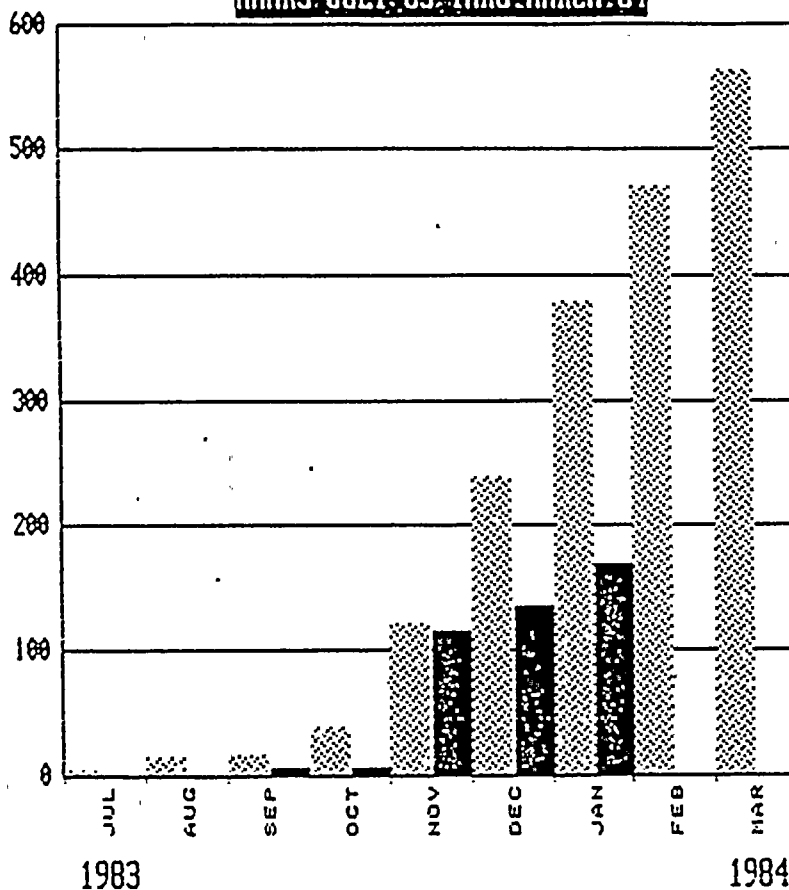
26

2/6/84

# PRELIMINARY TESTING

MANHRS-JULY-83-THRU-MARCH-84

MANHOURS  
CUMULATIVE



## LEGEND:

- SCHED MANHOURS
- EARNED MANHOURS

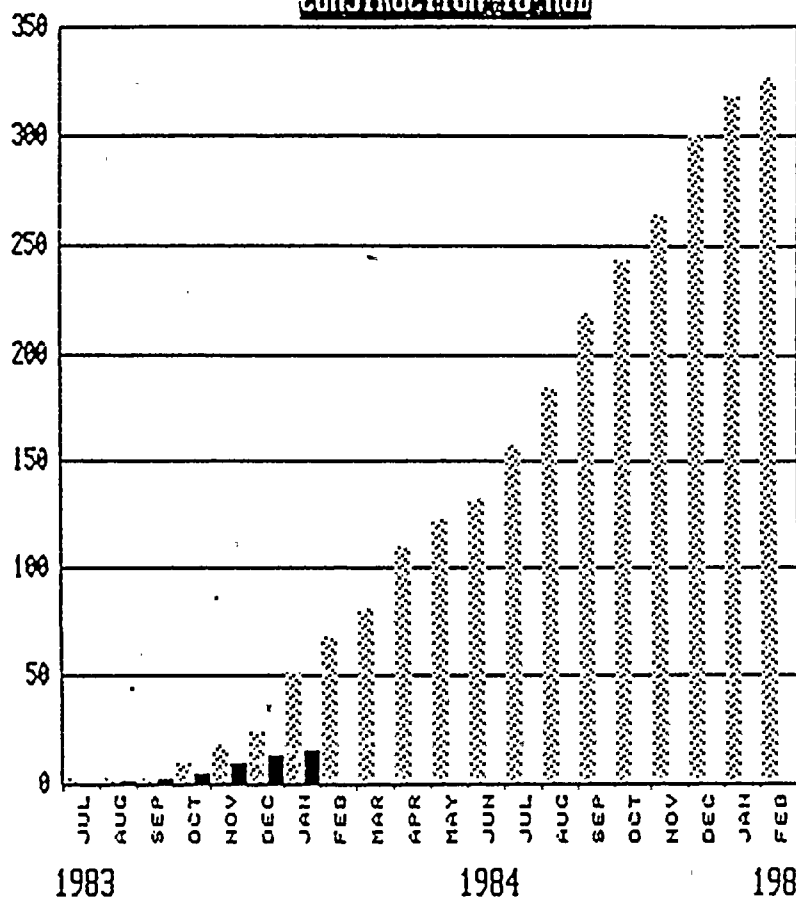
## NOTES:

1. SCHED MANRS BASED ON STARTUP TEST LEVEL 2 NETWORK (1/11/83)
2. DETAILED MANRS BASED ON LEVEL 3 NETWORK ACTIVITY ANALYSIS
3. SCHED AND ACT MANRS INCLUDE METER AND TEST EFFORT
4. METER AND TEST MANHOURS ADDED TO DATABASE IN NOVEMBER 83
5. INFORMATION CURRENT AS OF 1/25/84

2/6/84

# **TURNOVER** **CONSTRUCTION TO ADD**

**TURNOVERS**  
CUMULATIVE



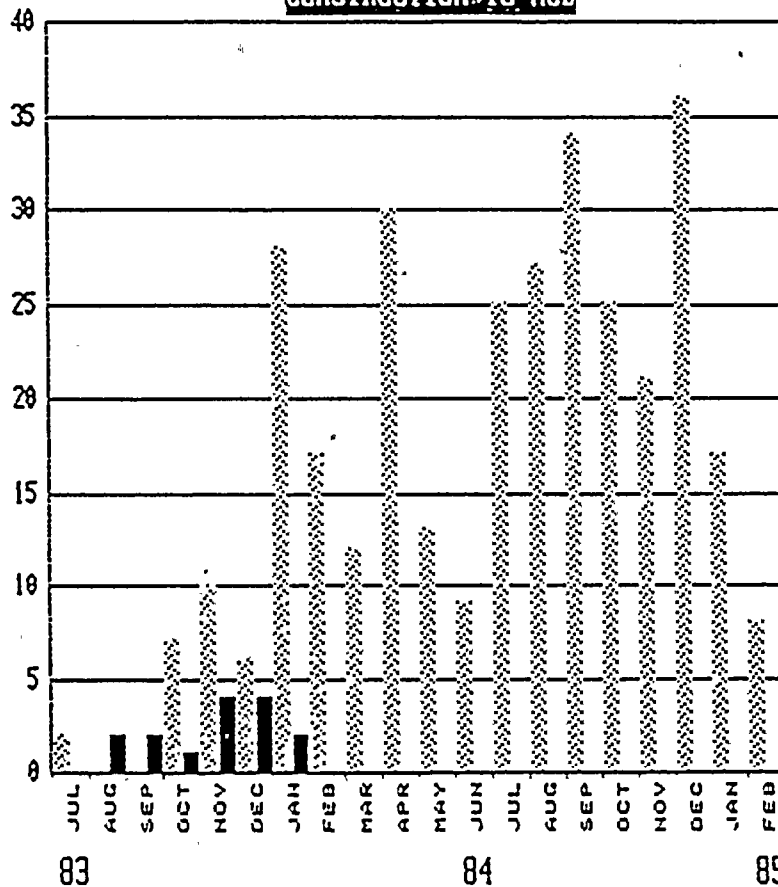
**LEGEND:**  
 [Hatched Box] TURNOVER (SCHED)  
 [Solid Black Box] TURNOVER (ACT)

**NOTES:**  
 1. TURNOVERS(SCHED) BASED ON LEVEL II STARTUP SCHEDULE  
 2. TURNOVERS(ACT) BASED ON SIGNATURE DATE OF EIR  
 3. INFORMATION CURRENT AS OF 1/31/84  
 4. INFORMATION BASED ON HAPPEE ACCELERATED STARTUP SCHEDULE

2/6/84

# **TURNOVER** **CONSTRUCTION TO ADD**

**TURNOVERS**  
INCREMENTAL



## **LEGEND:**

- TURNOVER (SCHED)
- TURNOVER (ACT)

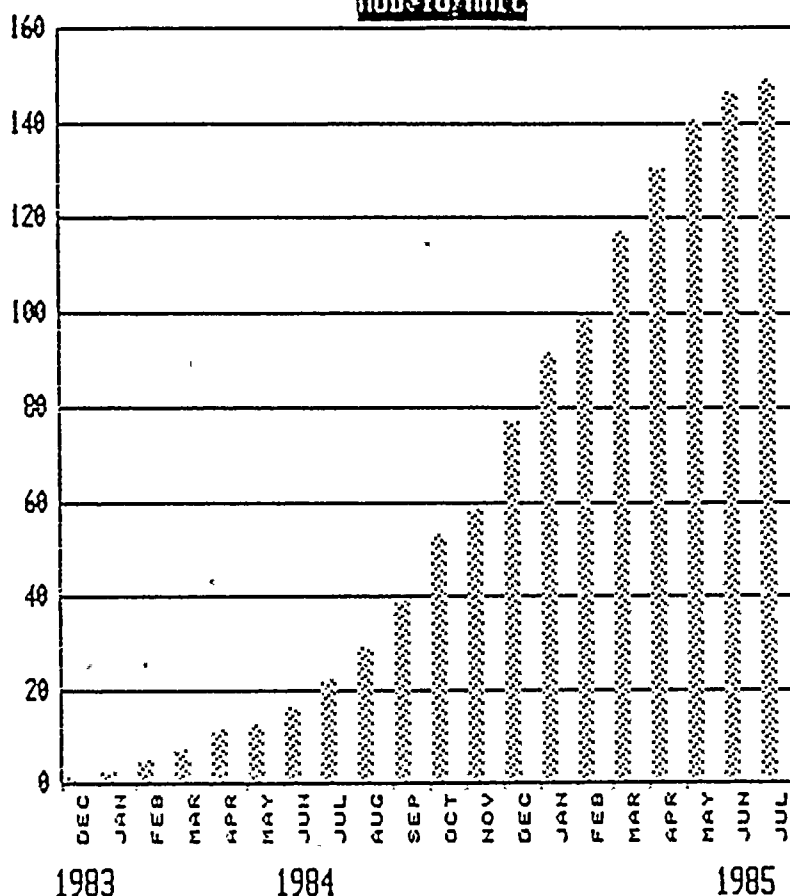
## **NOTES:**

- VALUES BASED ON STARTUP TEST LEVEL II NETWORK (4/11/83)
- ACTUAL VALUES BASED ON SIGNATURE DATE OF EOR
- INFORMATION CURRENT AS OF 1/31/84

2/6/84

# **TURNOVER** ADD TO NMPC

**TURNOVERS**  
CUMULATIVE



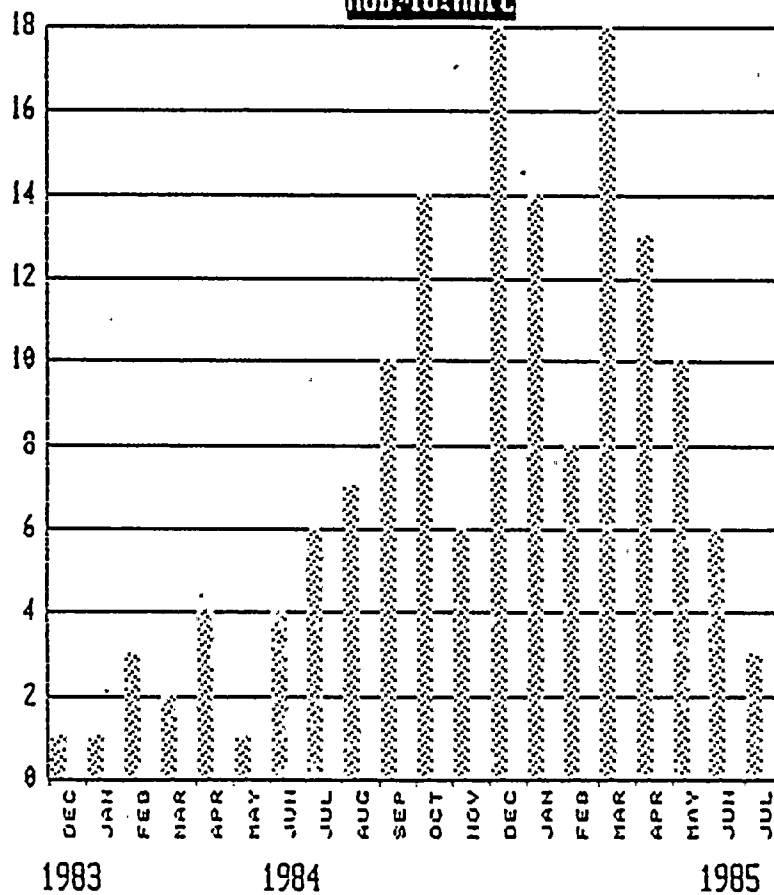
**LEGEND:**  
 TURNOVER (SCHED)  
 TURNOVER (ACT)

**NOTES:**  
 1. TURNOVERS(SCHED) BASED ON LEVEL II STARTUP SCHEDULE  
 2. INFORMATION CURRENT AS OF 1/31/84  
 3. INFORMATION BASED ON 1149902 ACCELERATED STARTUP SCHEDULE

2/6/84

# **TURNOVER** ADD TO NMPC

**TURNOVERS**  
INCREMENTAL



## **LEGEND:**

- TURNOVER (SCHED)
- TURNOVER (ACT)

## **NOTES:**

- VALUES BASED ON STARTUP TEST LEVEL II NETWORK (1/11/83)
- INFORMATION CURRENT AS OF 1/31/84
- AS OF 12/31/83 THERE WERE NO TURNOVERS TO NMPC



V. MANAGEMENT ATTENTION ITEMS LIST

February 29, 1984

MANAGEMENT ATTENTION ITEMS LIST

[ACTION ITEMS]

ACTION ITEM NO.	MANAGEMENT ATTENTION ITEM DESCRIPTION	ACTION REQUIRED	RESOLUTION REQUIRED BY	RESPONSIBLE PARTY	STATUS/PROGRESS LAST MONTH
1-1	Increased Drywell Heat	Evaluation of upgrading insulation, lowering CCP temperature and/or increasing cooling capacity of drywell unit coolers	1/25/84 (F) 2/29/84	SWEC	No major changes required to drywell coolers. SWEC is obtaining coil performance data from Marlo Coil Company via purchase order.  Minor changes to ductwork insulation and CCP temperature to be finalized and presented at the March Engineering Management meeting.
1-2	Service water system water hammer problem solution	Identify required modifications to mitigate water hammer effects with the SWP system, including the addition/modification and relocation of valve operators, changes in logic and control circuits, and addition of a standpipe in the SWP discharge bay. Also required is an integrated schedule for these corrective actions	(F) 2/29/84	SWEC	On February 16, 1984, SWEC identified four motor-operated valves that should be shipped back to Clow Corporation, 16 valves to be reversed, addition of vacuum breakers (SOVs) and standpipes, and valves to be reworked to fast-closing. This item should remain on the MAIL for future monitoring. A detailed fragnet will be provided by February 29, 1984.
2-1	Radiological dispersion factors	Obtain X/Q values (Malitsky Method) from Meteorological Evaluation Services for SGTS building and Post-Accident Sampling Panel Release points to be used by SWEC for control room habitability and off-site dose calculations	3/15/84	NMPC	

February 29, 1984

MANAGEMENT ATTENTION ITEMS LIST

[ACTION ITEMS]

ACTION ITEM NO.	MANAGEMENT ATTENTION ITEM DESCRIPTION	ACTION REQUIRED	RESOLUTION REQUIRED BY	RESPONSIBLE PARTY	STATUS/PROGRESS LAST MONTH
		(SWEC Letter No. 9M2-15,030 dated November 15, 1983)			
2-2	New York State Department of Environmental Conservation (DEC) permit for use of fluorescent dye during hydrotenting of the condenser	a. Obtain DEC approval/ permits for dye use	3/5/84	NMPC	DEC applications were submitted on February 10, 1984.
		b. Obtain DEC approval to route filter backwash to construction settling ponds	3/26/84	NMPC	
		c. Obtain DEC approval to discharge flush water to construction settling ponds	3/26/84	NMPC	

# MANAGEMENT ATTENTION ITEMS LIST

## [GE ACTION ITEMS]

ACTION ITEM NO.	MANAGEMENT ATTENTION ITEM DESCRIPTION	ACTION REQUIRED	RESOLUTION REQUIRED BY	RESPONSIBLE PARTY	STATUS/PROGRESS LAST MONTH
12-2	GE/NSSS adequacy evaluation of new loads for the RPV	GE to provide SWEC with an assessment of the RPV internals adequacy based on all loads	3/25/84	GE	The RPV adequacy evaluation is on schedule for completion by March 25, 1984. Load generation for the RPV evaluation was completed on February 10, 1984. SWEC and GE Engineers will review resolution in San Jose on February 29, 1984.
1-1	Modification required on E22-5001 (2BYS*BAT2C) battery cell holddown bracket. Bracket cannot be installed.	GE-NEG to resolve installation conflict on bracket	01/84	GE-NEG	The battery supplier is replacing holddown rack hardware. Hardware and documentation to be shipped the week of February 6, 1984. GE approval of vendor documentation will follow. As of February 29, 1984, hardware is on-site but not yet through receiving inspection. GE transmitted FDDR week of February 20, 1984.
1-2	GE has identified a potential problem with the arrangement of the RWCU filter demineralizer drain line	• SWEC to evaluate generic transient analysis results as an aid in deciding if a problem exists	3/9/84	SWEC	GE generic information was provided to River Bend Project on February 15, 1984. SWEC is presently evaluating it for applicability to NMP2 and will discuss same with NMPC CHOC representatives.
		• A cleanout connection for hydrolasing operations will be added via ECN to the backwash drain line	2/6/84	SWEC	ECN WCS-31 adding cleanout connection was forwarded for Project approval on January 24, 1984.

MANAGEMENT ATTENTION ITEMS LIST

[GE ACTION ITEMS]

ACTION ITEM NO.	MANAGEMENT ATTENTION ITEM DESCRIPTION	ACTION REQUIRED	RESOLUTION REQUIRED BY	RESPONSIBLE PARTY	STATUS/PROGRESS LAST MONTH
1-3	Recirculation piping as-built stress analysis	SWEC/GE to resolve schedule for recircula- tion piping stress analy- sis and as-built recon- ciliation	3/16/84	GE/SWEC	Topic will be addressed at meeting in San Jose on February 29, 1984.
1-4	Since late November 1983 the rate of closure of open paper, E&DCRs, and N&Ds which are restrain- ing PGCC construction and testing, has been signi- ficantly lower than the generation rate. The resulting growing back- log of open items is both a management and quality concern and a restraint on construc- tion and testing	SWEC and GE managers are re- viewing the total system for resolution of open paper items in order to significantly im- prove the efficiency and the production rate. Concur- rently, there is active con- sideration of slowing down construction until Engineer- ing (SWEC and GE) has in- creased the open paper closure rate above the gen- eration rate (start working off backlog)	-	SWEC/GE	GE has assigned personnel from its Valley Forge facility, and steps are being initiated to correct this problem. This subject was reviewed at a Valley Forge meeting on February 28, 1984. Closure rate is being monitored.
1-5	PGCC Separation - Verification and Rectification Program	• Implement a program to define all essential sep- aration requirements; to identify all wires, cables, and devices which do not meet separation requirements; and to resolve all such nonconformances.	-	SWEC/GE	Phase I (Divisional Separation) of the on-going separation program has identified more than 100 non- conformances which are being addressed. In the first step of Phase II (Sub-Divisional Separa- tion), GE engineering has re- viewed and revised connection diagrams to indicate those additional wires, cables, hardware which require separation. Follow- on steps will be to label those items; inspect for conformance with separation requirements, identifyin. all nonconformances; modify the

# MANAGEMENT ATTENTION ITEMS LIST

[GE ACTION ITEMS]

ACTION ITEM NO.	MANAGEMENT ATTENTION ITEM DESCRIPTION	ACTION REQUIRED	RESOLUTION REQUIRED BY	RESPONSIBLE PARTY	STATUS/PROGRESS LAST MONTH
					nonconforming wiring, cabling, and hardware in accordance with disposition instructions. A Phase III to encompass other concerns is being defined. Additional phases of the separation program which are external to PGCC are indicated. The objective of the program is to meet essential licensing requirements.
		<ul style="list-style-type: none"> <li>Review NMP2 FSAR and regulatory commitments vs. PGCC design base and identify any deviations</li> </ul>	-	SWEC/GE/NMPC	<p>In addition to the scope outlined above, the NMP2 Separation Verification and Rectification Program includes the following steps to be carried out jointly by GE, SWEC, and NMPC:</p> <ul style="list-style-type: none"> <li>Review of NMP2 FSAR and regulatory commitments to assure clear understanding by all parties.</li> <li>Review of PGCC design to identify and list all exceptions to or deviations from NMP2 FSAR and regulatory commitments.</li> <li>Disposition each exception or deviation.</li> <li>Review to assure full compliance with disposition instructions, to include satisfactory documentation.</li> </ul>

MANAGEMENT ATTENTION ITEMS LIST

[DISCUSSION ITEMS]

ACTION ITEM NO.	MANAGEMENT ATTENTION ITEM DESCRIPTION	ACTION REQUIRED	RESOLUTION REQUIRED BY	RESPONSIBLE PARTY	STATUS/PROGRESS LAST MONTH
2-1	INPO audit findings and implementations	This item will remain on the MAIL for discussion at the Bimonthly Project Meeting		NMPC	Compliance and verifica- tion effort is underway to close remaining open items prior to next INPO audit scheduled for April 2 through April 9, 1984.
2-3	NRC open items	This item will remain on the MAIL for dis- cussion at the Bimonthly Project Meeting		SWEC	

VI. MEETING DATES FOR 1984

CONTRACTOR MEETING

Wednesday 1/4/84

Monday 1/30/84

Thursday 3/8/84

Tuesday 4/10/84

Thursday 5/3/84

Thursday 6/28/84

Wednesday 7/25/84

Friday 9/7/84

Thursday 10/4/84

Thursday 11/1/84

Wednesday 12/12/84

Thursday 1/3/85

PROJECT MEETING

Tuesday 1/31/84

Wednesday 4/11/84

Tuesday 6/12/84

Thursday 7/26/84

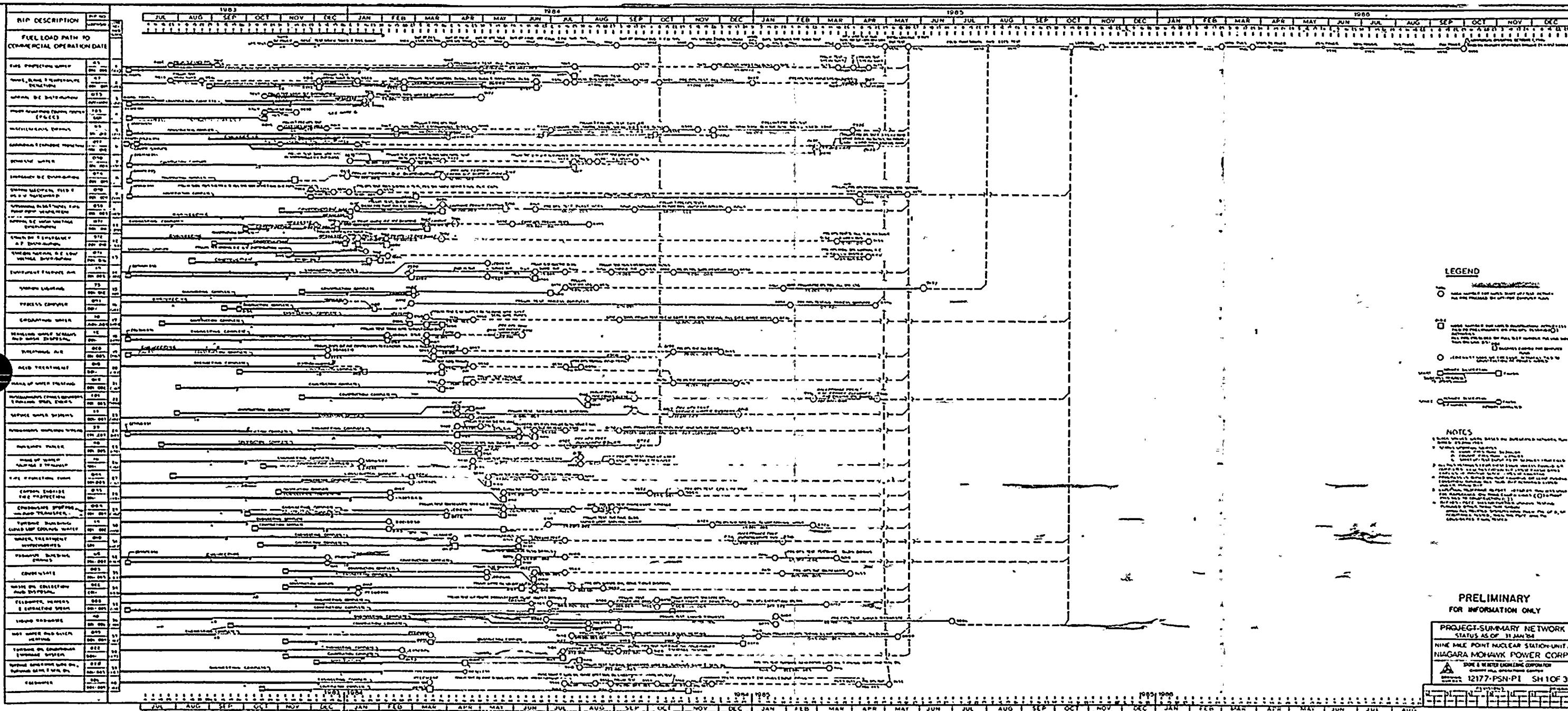
Friday 10/5/84

Thursday 12/13/84

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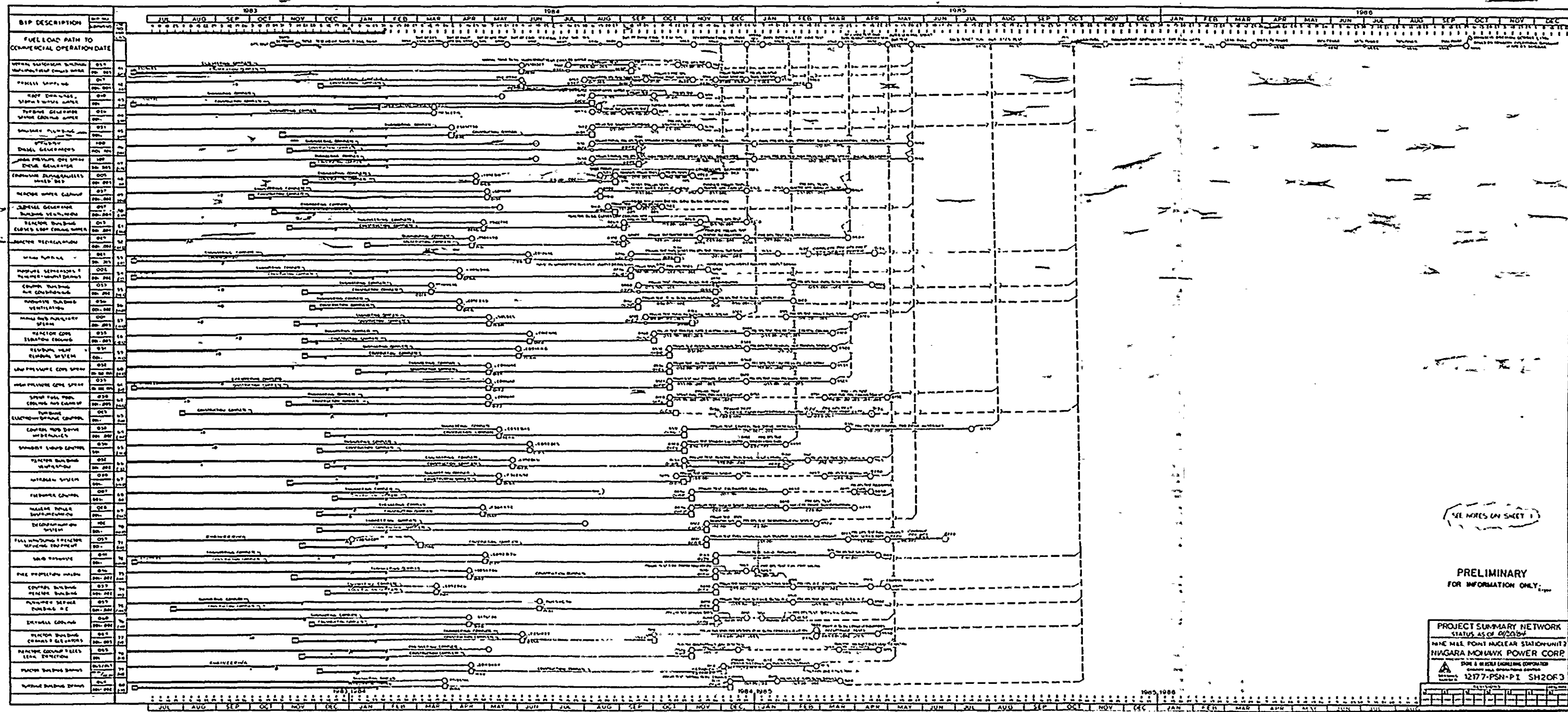
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