



THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

P.O. BOX 5000 - CLEVELAND, OHIO 44101 - TELEPHONE (216) 622-9800 - ILLUMINATING BLDG. - 55 PUBLIC SQUARE

Serving The Best Location in the Nation

MURRAY R. EDELMAN

VICE PRESIDENT
NUCLEAR

December 20, 1984
PY-CEI/NRR-0153 L

Mr. B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Perry Nuclear Power Plant
Docket Nos. 50-440; 50-441
Unit 1 Progress Update

Dear Mr. Youngblood:

This letter is intended to update the NRC staff regarding progress on Unit 1 of the Perry Nuclear Power Plant. We feel this information will assist in obtaining the necessary staff resources to support the final licensing effort leading to the issuance of our Operating License. Our letter dated July 17, 1984 demonstrated significant progress on our critical paths of the system turnover and preoperational test programs. The momentum we discussed in my July letter continues and we remain confident that a mid 1985 fuel load date is feasible. At this time we are only 35 days negative on the primary critical path to a Project Master Plan fuel load date of June 14, 1985. Some of the notable events that have occurred since July are discussed below.

On September 26, 1984 we successfully completed the reactor system hydrostatic test. This included the reactor vessel and all associated systems including almost all instrument lines up to the second isolation valve. This significant milestone was completed 31 days sooner than expected in July and only 23 days later than required by our Project Master Plan Schedule. Since then all reactor vessel internals have been installed and we have started control rod motion testing.

The accelerating progress of our turnover program from construction to test that we discussed in our July letter has been sustained and the turnover program is now on schedule. We expect all turnovers to be completed by April, 1985 as shown on Attachment 1. In addition we are applying the same successful management technique from the turnover program to our component testing-Initial Checkout and Run-In (IC&R), and system flush activities. Our IC&R activities are about two-thirds complete and are exceeding our recovery plan schedule as shown on Attachment 2. Our system flush progress is shown on Attachment 3, and again our accelerated progress is evident. We are confident that all system flushes will be completed by the end of January 1985, with the exception of one system which is scheduled for April.

8412270328 841220
PDR ADOCK 05000440
A PDR

Boo1
1/1

Attachment 4 shows our pre-operational and acceptance test program progress. While this curve is just now beginning to show an upturn, we expect to achieve the same success in this phase of the test program as we did in the turnover phase. This confidence is based on the high level of system completion including documentation at turnover, the accelerating progress on component test activities and the near term completion of system flushes. The schedule for the remaining procedures needed to support our pre-operational and acceptance test program is shown in Attachment 5. We feel confident that we can meet the procedure schedule since it does not represent an unreasonable work effort. We will keep you informed of our monthly progress on the test activity so that we both can most effectively manage our resources.

An update of the various bulk construction quantities is shown on Attachment 6. The remaining bulk work is minimal and is not expected to impact our critical path. There are also no hardware procurement problems which could prevent timely completion of construction.

There are several licensing issues which need special attention. These include demonstration of TDI diesel engine reliability and timely Technical Specification review and issuance. Our program for demonstration of diesel generator reliability follows the TDI Owner's Group recommendations and is in accordance with Board Notification 84-152. Currently Division one engine teardown is complete with reassembly and checkout anticipated by the end of December. Our DRQR report will be completed by mid January 1985 and submitted for NRC review in early February. We plan to run our Loss of Offsite Power test by May 10, 1985. A Perry specific program plan describing the various phases of the effort and schedules will be submitted shortly. This program is on schedule and has one of the highest project priorities.

Our Technical Specifications have received substantial internal review and have incorporated all of the applicable Grand Gulf experience. A first draft of the Perry Technical Specifications was submitted in July 1984. We plan to dedicate all the necessary resources to work with NRC staff to expedite this review and produce a high quality, workable set of Technical Specifications.

The remainder of the Licensing activities which must be completed or require a mutually satisfactory resolution schedule have been identified. We have had some preliminary discussions with our NRC Project Manager, John Stefano and would like to continue this review with the NRC Staff and Management. Our ultimate objective is to develop a program that will become the framework for identification and tracking of required activities which both Perry and NRC managements can use as the basis for issuance of Perry Unit 1 Operating License as well as for resource planning. Both NRR items and other activities which involve I&E Region III are being identified and scheduled by this program.

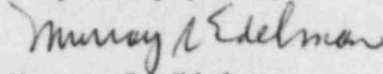
Mr. B. J. Youngblood

-3-

December 20, 1984
PY-CEI/NRR-0153 L

If you have any comments or questions on the above information please inform us as soon as possible. We will also be prepared to discuss the above items in the future with you.

Very truly yours,



Murray R. Edelman
Vice President
Nuclear Group

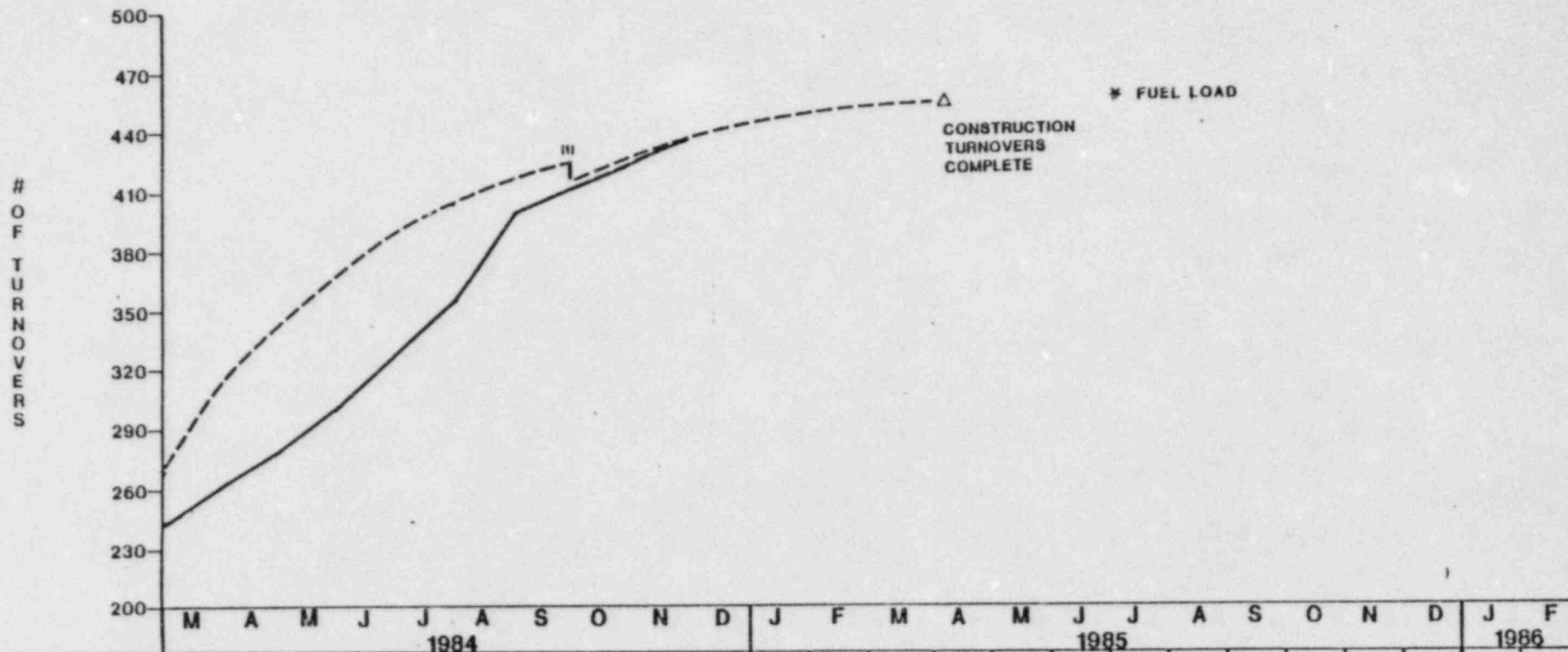
MRE:njc

Attachments

cc: Jay Silberg, Esq
John Stefano
J. Grobe

NUCLEAR CONSTRUCTION

UNIT 1 & COMMON* TURNOVERS TO NTS



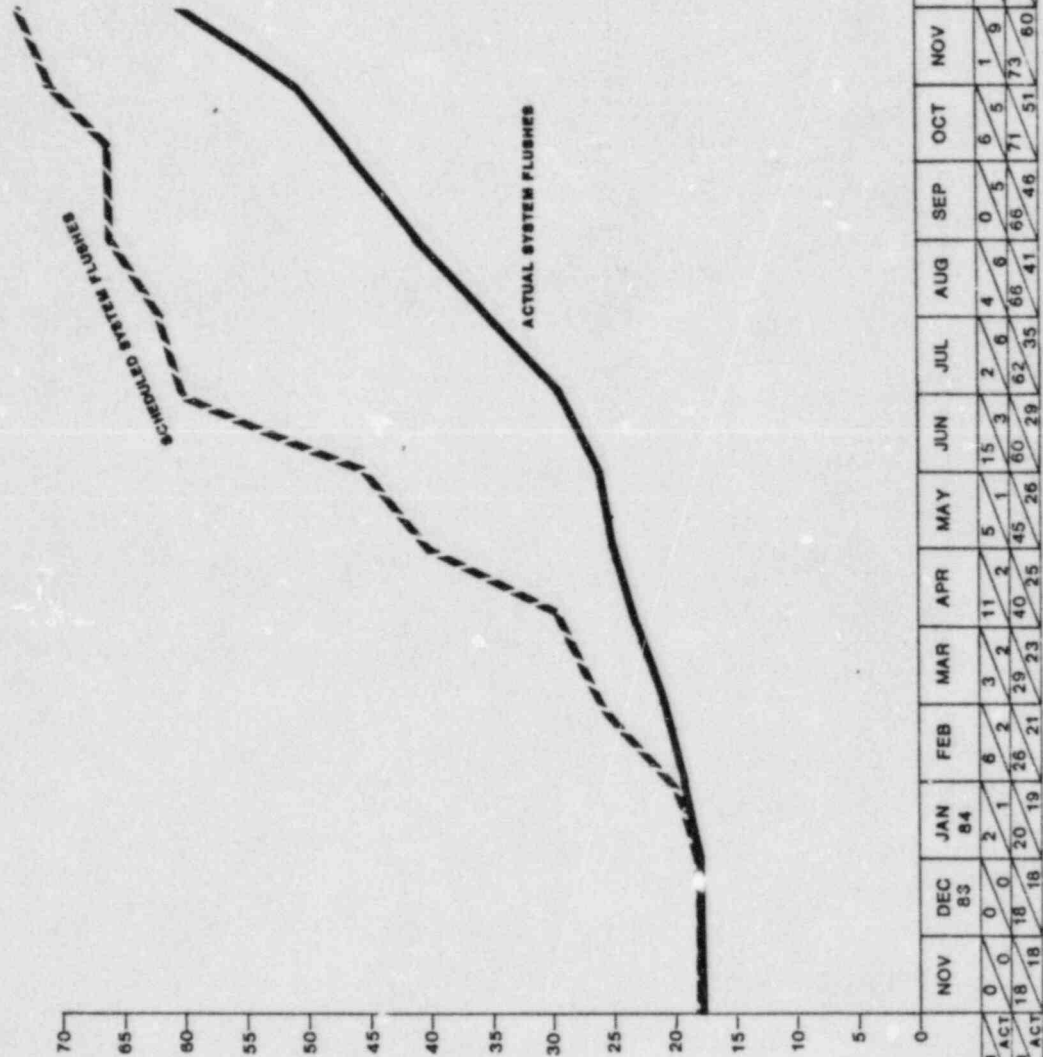
		M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F
		1984												1985						1986					
THIS PERIOD	SCHEDULED	40	27	29	16	19	18	8	9	10	3	5	4	9	-	-	-								
	ACTUAL	20	16	21	28	29	40	15	10	15															
TODATE	SCHEDULED	309	336	365	381	400	418	415	424	434	437	442	446	455	455	455	455								
	ACTUAL	261	277	298	326	355	395	408	418	433															

* INCLUDES UNIT 2 COMPLETION REQUIREMENTS,

III Scheduled and Actual to-date changed to reflect revised control packages

UNIT 1 & COMMON
SYSTEM FLUSHING

NUCLEAR TEST SECTION

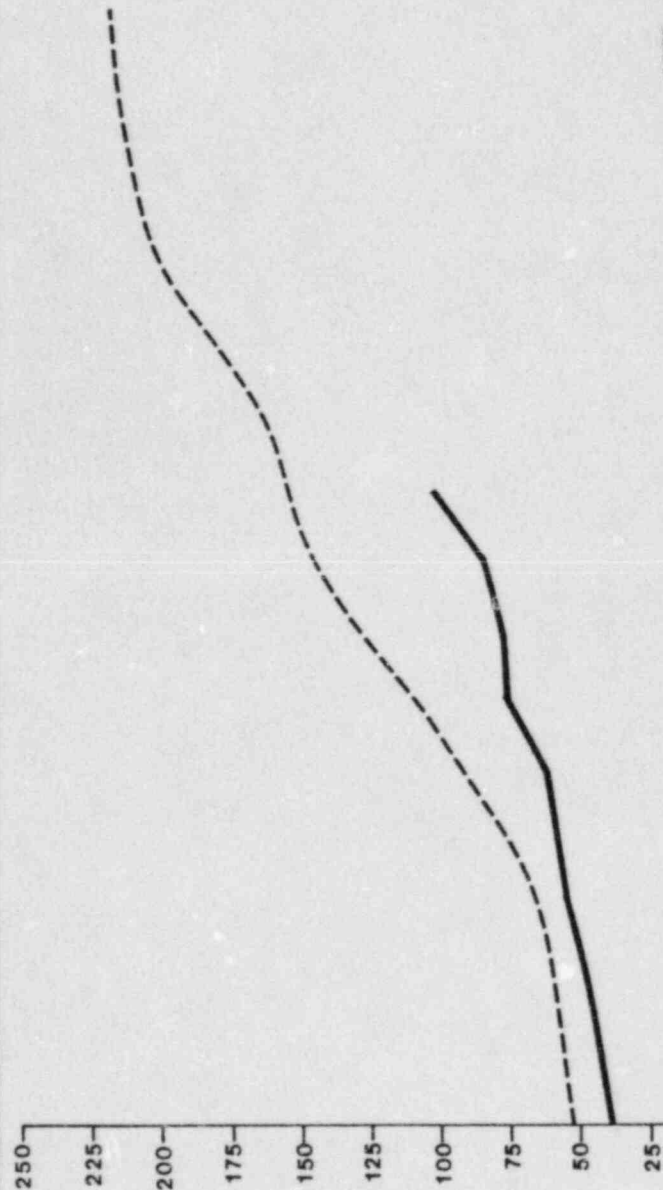


PERIOD	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
SCH ACT	0	0	2	6	3	11	5	15	2	4	0	6	1	0	0	0	0	0	0	0
ACT	0	0	2	6	3	11	5	15	2	4	0	6	1	0	0	0	0	0	0	0
TOTAL	0	0	2	6	3	11	5	15	2	4	0	6	1	0	0	0	0	0	0	0

NUCLEAR TEST SECTION

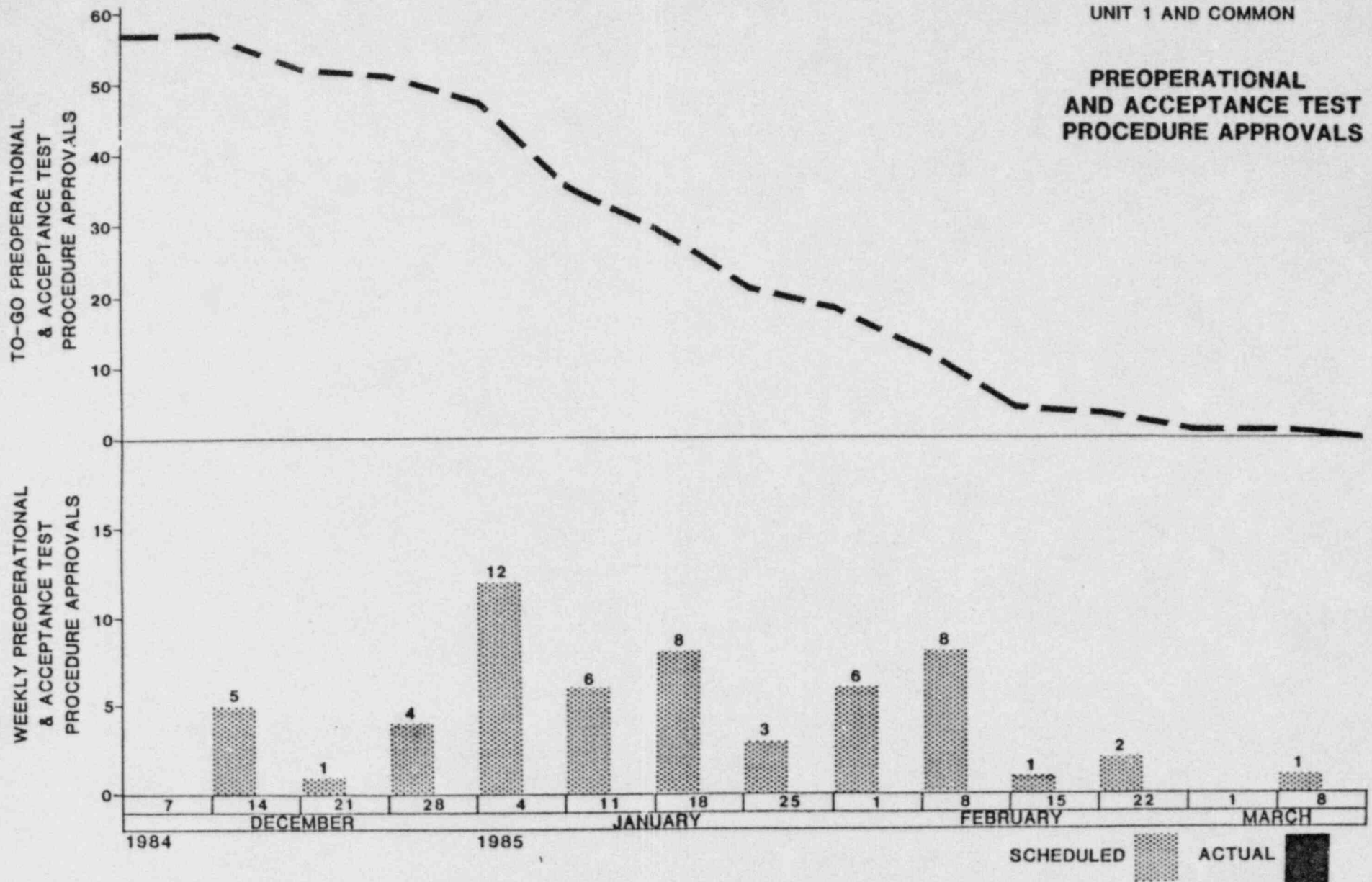
UNIT 1 & COMMON

PREOP AND ACCEPTANCE TESTS



NOTE: BASED ON TEST PROCEDURES COMPLETED

THIS PERIOD	1984												1985					1986						
	M	A	M	J	J	A	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J
SCHEDULED	6	3	5	14	17	11	23	12	9	10	17	14	13	6	5	1								
ACTUAL	3	4	4	3	5	13	1	8	15															
SCHEDULED	55	58	63	77	94	105	128	140	149	159	176	190	203	209	214	215								
TODATE	44	48	52	55	60	73	74	82	97															



November 1984

COMMODITY PROGRESS

Unit 1 & Common

	<u>Scheduled Period</u>	<u>Actual Period</u>	<u>Remaining</u>
<u>SP-33/34 LKC</u>			
Cable Tray	0	0	0
Conduit-Reactor Building	1,700 LF	3,270 LF	3,424 LF
Conduit-BOP	2,000 LF	2,864 LF	3,794 LF
Cable	50,000 LF	83,266 LF	97,435 LF
Terminations	5,000 EA	17,341 EA	8,067 EA
 <u>SP-44/45 Pullman</u>			
LB Pipe	35 LF	0	41 LF
SB Pipe	300 LF	130 LF	32 LF
LB Welds	10 EA	13 EA	45 EA
SB Welds	120 EA	96 EA	76 EA
LB Valves	1 EA	0	6 EA
SB Valves	40 EA	47 EA	24 EA
LB Hangers	150 EA	0	139 EA
SB Hangers	150 EA	106 EA	237 EA
LB Specialties	2 EA	1 EA	EA
SB Specialties	15 EA	13 EA	EA
 <u>SP-48/90 JCI</u>			
Pipe	300 LF	306 LF	1,168 LF
Tubing	400 LF	114 LF	5,680 LF
Welds	300 EA	284 EA	1,408 EA
Hangers	200 EA	153 EA	1,237 EA
 <u>SP-98 Bisco</u>			
Penetrations	500 EA	844 EA	3,215 EA