Log # TXX-4228
File # 10010

TEXAS UTILITIES GENERATING COMPANY

SKYWAY TOWER • 400 NORTH OLIVE STREET, L.B. 81 • DALLAS, TEXAS 75201

JOE B. GEORGE
VICE PRESIDENT

July 16, 1984

Mr. Darrell G. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Mr. John T. Collins,
Regional Administrator
Region IV
U. S. Nuclear Regulatory
Commission
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76012

Gentlemen:

The following information represents our fifth biweekly update on the status of important schedule related issues for Comanche Peak fuel load in late September 1984. Data contained in the attachments is as of July 7, 1984.

Critical Path

We completed Train B Diesel Generator operability checks on July 13, 1984. In response to a TDI Owners Group Request, we conducted and completed special tests on the Train A Diesel to collect engine block stress data. As a result of rescheduling subsequent (and previously in-series) tests, the diesel generators are not currently our primary critical path.

The Control Room HVAC now appears to be critical path. The retesting of this system is now scheduled to start on July 23, 1984, some 10 days after its required date. Every effort is being made to improve this projection.

Other Issues

1. Engineering review and analysis of our fire dampers continues on a seven day a week basis. There is a potential for schedule impact which will be defined once the engineering effort is completed in late July. We will continue to keep you informed of our progress and still believe we will be ready to meet with you on August 6, 1984 on the details of the fire dampers.

B001
1/1

2. Present Craft Work Effort for Unit 1:

	Manpower Unit 1
Building/Labor	157
Rigging	44
Paint	574
Pipe	97
Insulation	47
Millwright	29
Fab/Hangers	52
Electrical	288
Instrumentation	15
	1,303

Attachments

Startup/Testing	Appendix A - D
Master Data Base Status	Appendix E
Paint Manhours/Manpower	\ppendix F
Thermolag	Appendix G

You will note that "System Completion" is lagging forecast, however, it is not affecting our testing program. A large number of the remaining systems are restrained by a single item such as a procurement item or final, as-built drawings. We are adding additional resources in both areas to correct this.

The deviation from the target curve and the actual curves representing original tests completed and original test data package approvals for the week ending June 6, 1984 were due mainly to the personnel being dedicated to the performance of the integrated relay test, 1CP-PT-64-10. The trend lines have improved since the data was obtained for this report.

We continue to make good progress, however, we are experiencing approximately 10 days slippage in the overall schedule. Efforts to recover this slippage continue, however, we are not optimistic that these efforts will be successful.

Very truly yours,

Joe B. George

JBG:kp

Enclosure(s)

c - T. Ippolito
N. Reynolds

STARTUP

Status Week Ending: July 7, 1984

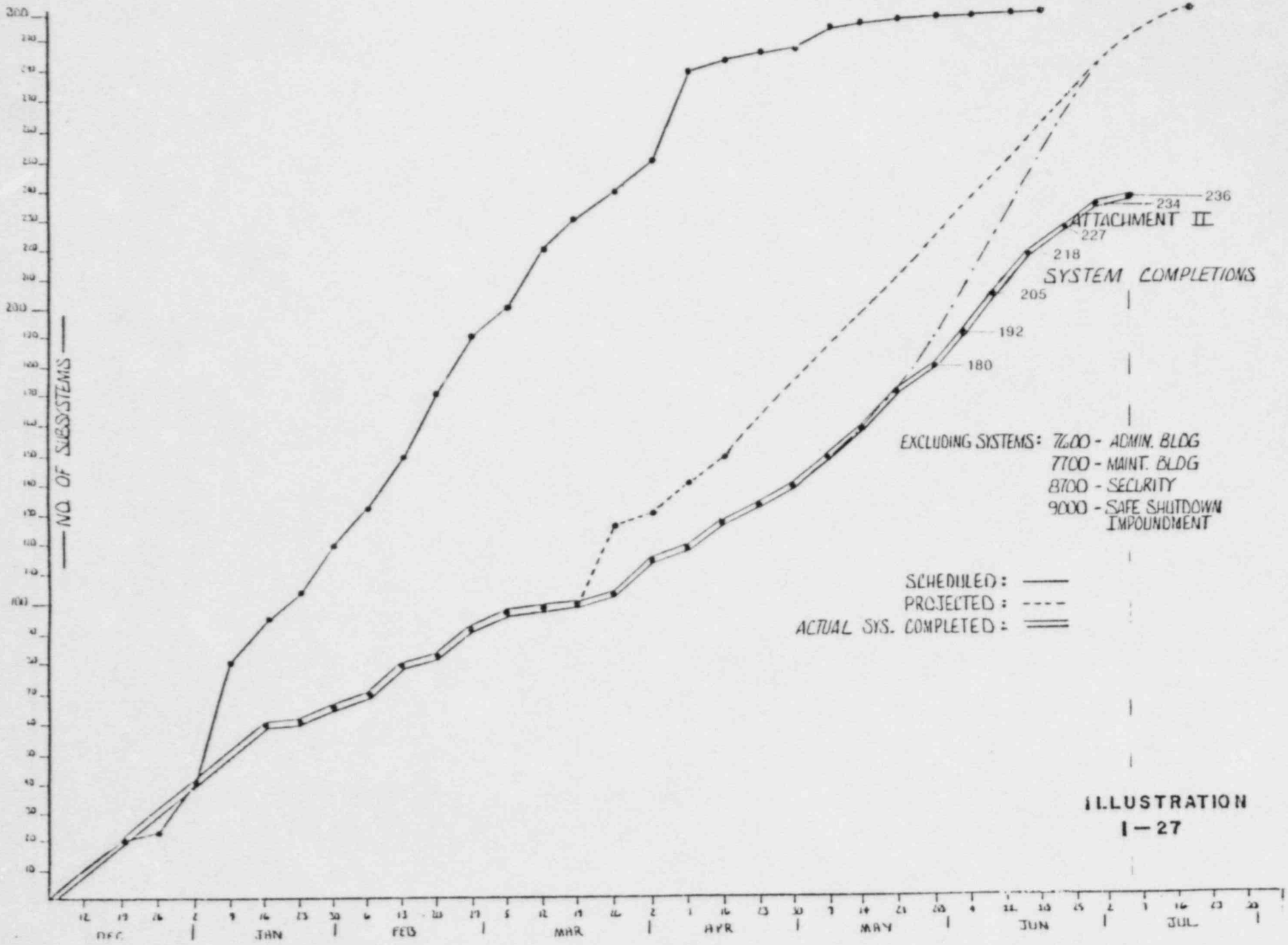
TURNOVERS:

	Last Report		This Report	
	Total	Accepted	Total	Accepted
Subsystems	333	322	331*	323

REMAINING TURNOVERS:	Date Accepted
Fire Detection Panel, Detectors and Cables	
Control Building Tornado Dampers and Blowout Panels	
Misc. Signal Control Panel, Telephone Interface, Emergency Tone Gen. and Emergency Alert Circuits	06/28/84
S.G. Building Tornado Dampers and Blowout Panels	
Containment Elevator	
Auxiliary Building Elevator	
N-16 Cables and Detectors	
Containment Access Rotating Platform	
Safety Chiller Monorail Hoist	

*Co-current water waste and low volume water waste turnovers have been removed from the Unit 1 scope and added to Unit 2. The interfaces/tie-ins with Unit 1 have been added to existing Unit 1 systems. It has been decided that these two turnovers are not needed for Unit 1 operation.

APPENDIX B


NO OF SUBSYSTEMS
DEC
JAN
FEB
MAR
APR
MAY
JUN
JUL
ATTACHMENT II
SYSTEM COMPLETIONS
180
192
205
218
227
234
236
EXCLUDING SYSTEMS: 7600 - ADMIN. BLDG
7700 - MAINT. BLDG
8700 - SECURITY
9000 - SAFE SHUTDOWN IMPOUNDMENT
SCHEDULED:
PROJECTED:
ACTUAL SYS. COMPLETED:
ILLUSTRATION
I-27

TESTING SUMMARY

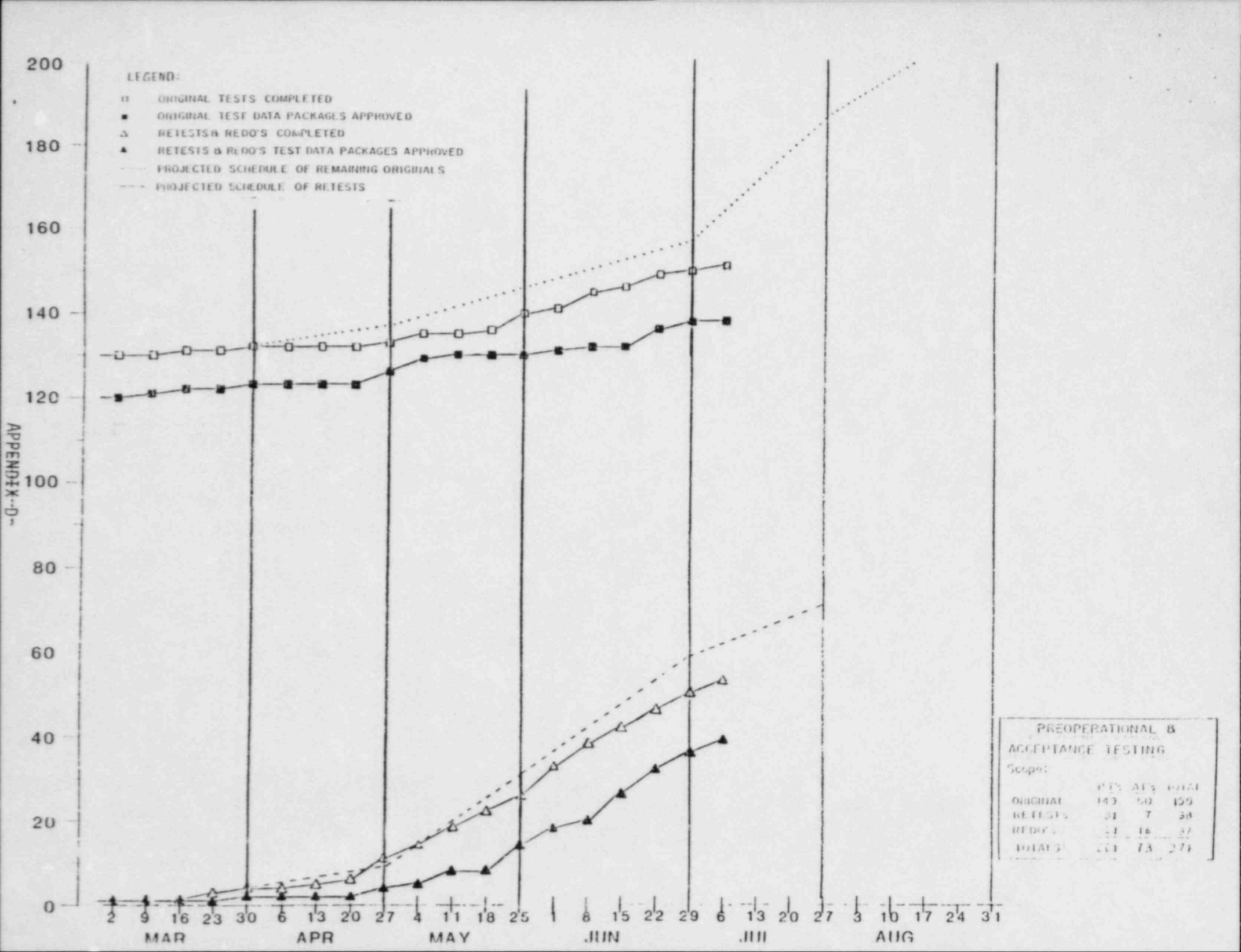
(Last Report: JUNE 23, 1984)

	TOTAL	FIELD TESTING IN-PROGRESS	FIELD TESTING COMPLETE	RESULTS APPROVED
PREOPERATIONAL:				
ORIGINAL	150	17	104	93
RETEST	31	4	18	11
REPERFORM	22	1	10	7
ACCEPTANCE:				
ORIGINAL	50	1	45	43
RETEST	7	1	6	5
REPERFORM	16	0	12	10
TOTALS	276	24	195	169

TESTING SUMMARY

(This Report: JULY 7, 1984)

	TOTAL	FIELD TESTING IN-PROGRESS	FIELD TESTING COMPLETE	RESULTS APPROVED
PREOPERATIONAL:				
ORIGINAL	149	22	106	95
RETEST	31	2	22	14
REPERFORM	22	1	12	8
ACCEPTANCE:				
ORIGINAL	50	2	45	43
RETEST	7	0	7	5
REPERFORM	16	2	12	12
TOTALS	275	29	204	177


LEGEND:
ORIGINAL TESTS COMPLETED
ORIGINAL TEST DATA PACKAGES APPROVED
RETESTS & REDO'S COMPLETED
RETESTS & REDO'S TEST DATA PACKAGES APPROVED
PROJECTED SCHEDULE OF REMAINING ORIGINALS
PROJECTED SCHEDULE OF RETESTS
APPENDIX-D-
200
180
160
140
120
100
80
60
40
20
0
2 9 16 23 30 6 13 20 27 4 11 18 25 1 8 15 22 29 6 13 20 27 3 10 17 24 31
MAR
APR
MAY
JUN
JUL
AUG
PREOPERATIONAL &
ACCEPTANCE TESTING
Scope:
ORIGINAL 143 50 193
RETESTS 31 7 38
REDO'S 33 16 49
TOTALS 207 73 280

MASTER DATA BASE STATUS:

	Last Report	This Report
Unit 1 and Common Total	6356	5634

NOTE: The above tabulation includes Unit 1 and Unit 2 work items remaining within the security boundary established for Unit 1 operation.

The following tabulation provides an overview of remaining Master Data Base items:

No. of Items To Be Completed	Last Report	This Report
A. Pre-Fuel Load	3593	3026
B. Under Review	2763	2473
C. Post-Fuel Load	0	135
TOTAL	6356	5634

Item A above, Pre-Fuel Load - the item count 3026 is the summation of the DO IT, SU-REL, OP-NEED and PRE-FL items as identified in Appendix E-1.

Item B above, Under Review - the item count 2473 is the summation of the PRO POST and EXCEPT Items as identified in Appendix E-1.

The following attachments are used by the site and should provide a better feel for the remaining work as tracked in the Master Data Base:

1) By System, Appendix E-1
2) By Building, Appendix E-2
3) Glossary of Abbreviations, Appendix E-3

MASTER DATA SYSTEM

ISSUE DATE : JUL 5,1984

(TOTAL OF OPEN ITEMS PER SYSTEM/RESP)

SYSTEM	INE	CPPE	COAST	QC	SUB	IF	STE	TUGCO	SP/TP	PMG	MISC	TOTAL
DD IT	46	26	43	8	0	2	173	66	2	18	2	386
SU-REL	4	4	38	3	0	0	30	4	0	5	0	88
CP-NEED	1	0	1	0	0	0	8	10	0	1	0	21
PRE-FL	89	81	920	347	1	25	624	271	92	31	50	2531
PROPOST	9	71	1123	418	0	29	180	68	42	36	11	1987
POST-FL	1	1	15	0	0	2	12	99	2	3	0	135
EXCEPT	23	46	235	61	0	0	95	6	0	5	15	486
GRAND-SPC.	173	229	2375	837	1	58	1122	524	138	99	78	5634

GRAND-UNIT2-SPC. = 1985

GRAND-STA-802-SPC. = 73

GRAND-N5-SPC = 335

GRAND-N3-SPC = 37

APPENDIX E-1

MASTER DATA SYSTEM

ISSUE DATE : JUL 6,1984

(TOTAL OF OPEN ITEMS PER BLDG/RESP)

	DO IT	SU-REL	OP-NEED	PRE-FL	PROPOST	POST-FL	EXCEPT	TOTAL
REACTOR	30	7	1	256	36	16	60	406
SAFEGUARD	66	6	2	450	17	12	86	639
ELECT/CONTROL	141	28	14	1,015	1,302	27	188	2,715
AUXILIARY	61	45	2	524	588	12	117	1,349
TUGCO	0	0	0	4	18	1	2	25
MISC. BLDG	88	2	2	282	27	67	33	501
TOTAL	386	88	21	2,531	1,998	135	486	5,635

GRAND-UNIT2-SPC. = 1985

GRAND-STA-BG2-SPC. = 73

GRAND-N3-SPC. = 37

GRAND-N5-SPC. = 335

APPENDIX E-2

GLOSSARY OF ABBREVIATIONS

DO-IT	Items required to be completed to support completion of Startup Prerequisite and Preoperational testing activities.
SU-REL	Items required to be completed to support Startup release and Operations acceptance of systems per CP-SAP-3.
OP-NEED	Items required to be completed to support Operations fuel load preparation activities.
PRE-FL	Items not assigned to the above categories that are required to be complete prior to fuel load.
PRO POST	Items not assigned to the above categories that may be completed after fuel load.
POST-FL	Items that will be completed after fuel load as agreed by Operations, construction and Startup.
EXCEPT	Items that are under review for identification in the above six (6) categories.
TNE	TUGCO Nuclear Engineering
CPPE	Comanche Peak Project Engineering
CONST	Construction disciplines, including pipe, electrical, millwright and hanger.
QC	Quality Assurance, Quality Control, Quality Engineering ASME, Non-ASME
SUB	Subcontract
TF	Completions Group
STE	System Test Engineer (Startup)
TUGCO	TUGCO Operations
SP/TP	Special Projects (Startup)
PMG	Purchasing/Procurement
MISC	Responsibilities that do not fall in the above categories

Paint Manhours & Manpower:
Reactor Containment Building #1

In reviewing our paint program for Reactor Control Building #1, we note that there is very little correlation between gallons of paint, painter productivity and actual job completion due to other items which determine when we complete an area. This is due primarily to final inspections and touchup which do not lend to scheduling and trending. Therefore, I will be reporting on the status of completion of the remaining work areas by projected completion date:

Location	Projected Completion
Steam Gen. Comp. 2 & 3	August 3
Steam Gen. Comp. 1 & 4	August 17
Elevation 808	August 10
Elevation 832	August 24

Thermolag

The thermolag is essentially complete (less than 200 square feet) and as such will be dropped from the report.