



Westinghouse  
Electric Corporation

Energy Systems

Box 355  
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NSD-NRC-96-4844  
DCP/NRC0623  
Docket No.: STN-52-003

October 15, 1996

Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

ATTENTION: T. T. MARTIN

SUBJECT: AP600 REVIEW SCHEDULE

Dear Mr. Martin:

In response to your September 26, 1996 letter addressing the review schedule and process for the AP600 Design Certification Application, we fully agree that a comprehensive activity schedule is essential for both the NRC staff and Westinghouse to develop a review schedule that results in issuance of the AP600 Final Design Approval. As you have pointed out, the preparation of this schedule will necessitate project telephone conferences and meetings to ensure that the resulting schedule is both comprehensive and incorporates the needs of both NRC and Westinghouse. The attachments to this letter are in response to your request of September 26, 1996.

Attached to this letter are the following materials:

1. A comprehensive activity schedule that includes all key activities, submittals, NRC reviews of supporting design activities, RAI responses and issue resolutions. As a necessary step in developing this schedule, Westinghouse has included NRC staff review activities which support closure of open items in a number of review areas.
2. A chapter-by-chapter summary of the AP600 Open Item Tracking System (OITS) that includes the most recent NRC input on several chapters. As noted in your letter, Westinghouse provided a full update to the NRC on August 29, 1996. We have also provided more recent updates.
3. Curves of the remaining open items on a subsection and major topic basis that show the timing of open item closure that must be attained to achieve the FDA on schedule. The workoff curves provided show both the Westinghouse and NRC status as tracked in the OITS. The timing of the closure is based on the schedule presented in item 1. It is obvious that significant gains can be achieved by early closure of open items in many areas.
4. A listing of recent AP600 design certification application submittals and the review status where it is known. This information is useful in that it indicates where the review of some of the submittals may require resources to be applied to recover the schedule.

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PDR ADOCK 05200003  
A PDR

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E004

October 15, 1996

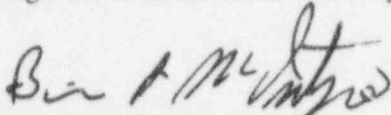
The next step toward finalization of this activity schedule is a review by NRC project staff to identify areas which could potentially be affected by NRC resource limitations or other review constraints. Westinghouse and NRC project staff are in the process of arranging schedule activity review meetings to review and discuss this activity schedule. The first of these meetings was held with your staff on October 15, 1996. Following incorporation of the results of this review, the activity schedule and workoff curves will be finalized.

An important part of the review process is ensuring continuous clear communication between Westinghouse and NRC staff reviewers. As noted in your letter, two vehicles for this communication are the open item tracking system and informal facsimiles. We hope that possible ways to improve and expand these communication vehicles can be included as a topic of discussion at upcoming project meetings.

Westinghouse expects that regular meetings will occur between Westinghouse and the NRC senior management to ensure that appropriate management attention is brought to bear to resolve key problem areas that are identified. The next senior management meeting has been scheduled for November 5, 1996. At that meeting it is my expectation that we will be able to discuss the finalized AP600 design certification review activity schedule.

This schedular activity is important to both Westinghouse and the NRC in that it will allow planning of resource allocations for the remainder of 1996 and 1997. We are encouraged by the renewed focus on the AP600 review by NRC staff and fully expect that our mutual goal of AP600 design certification will be accomplished in an expeditious fashion.

I look forward to meeting with you and your staff in the upcoming weeks as we finalize the AP600 design certification review activity schedule.



Brian A. McIntyre, Manager  
Advanced Plant Safety and Licensing

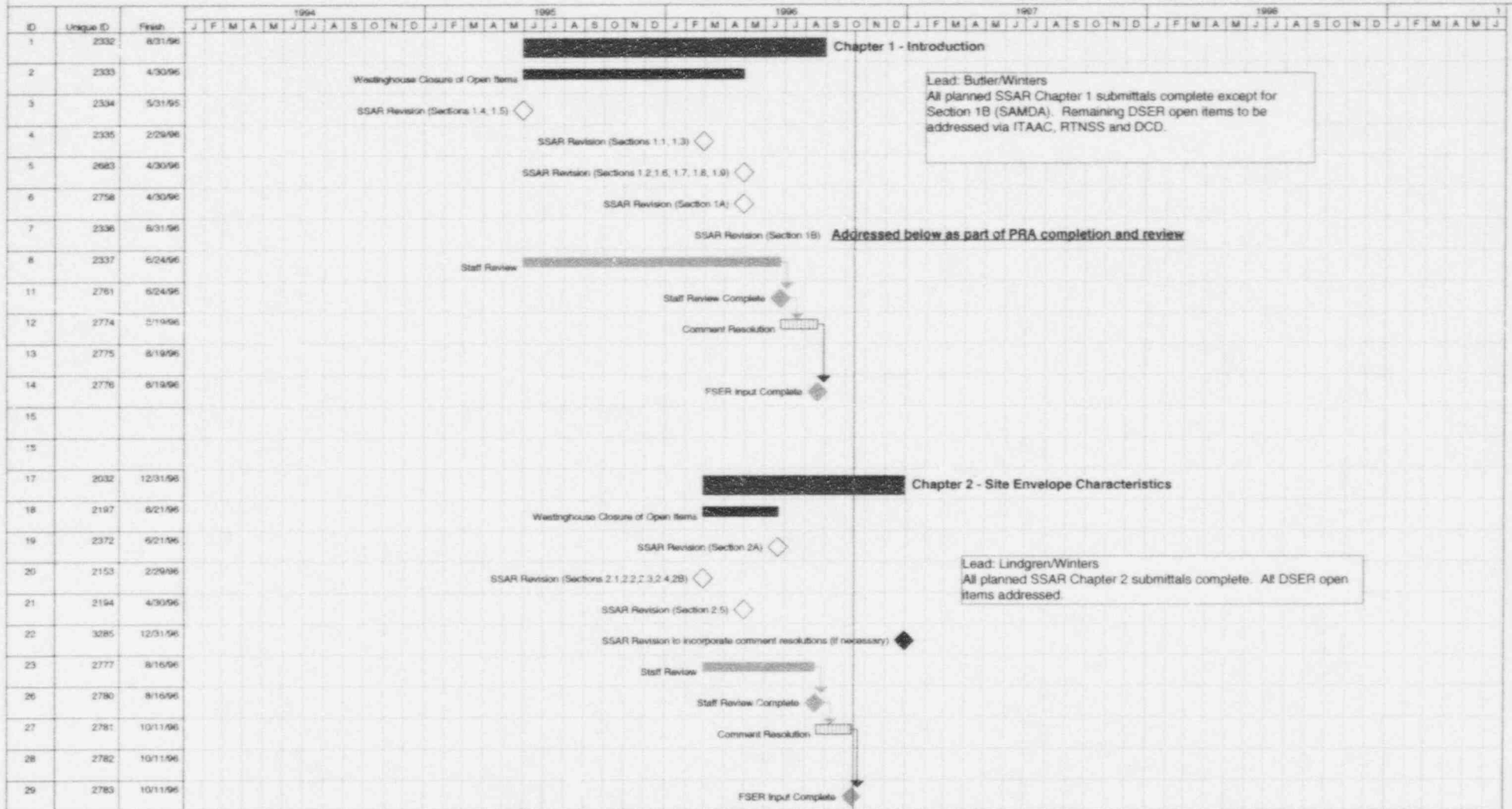
/nja

Enclosures

cc: T. Quay, NRC  
N. J. Liparulo, Westinghouse (w/o Enclosures/Attachments)

ATTACHMENT 1  
TO  
NSD-NRC-96-844

# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



Project: AP600 Design Certification  
Date: 10/14/96

W Task

NRC Task

W Milestone

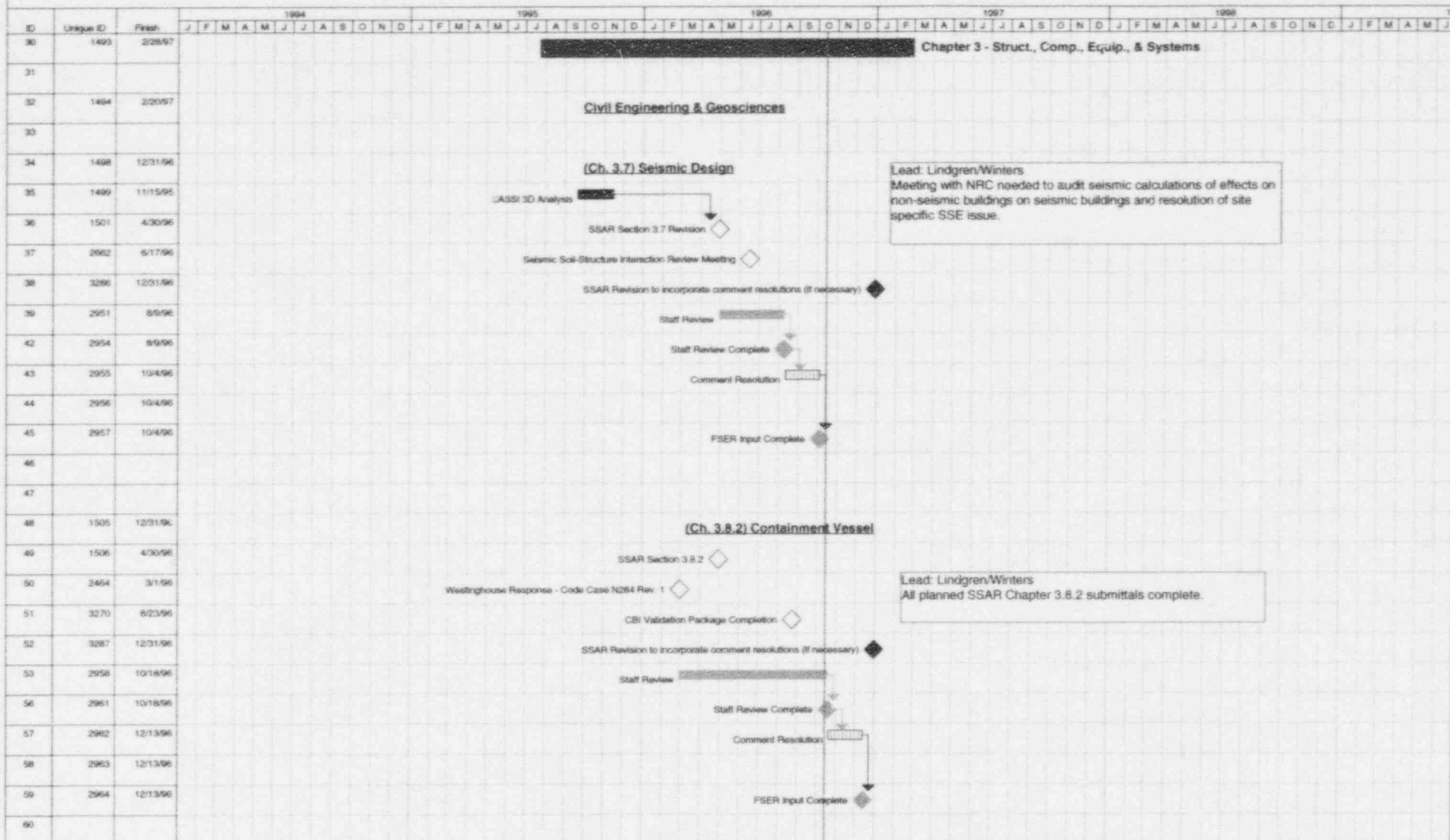
NRC Milestone

Completed Milestone

Summary



# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



Project: AP600 Design Certification  
Date: 10/14/96

W Task

NRC Task

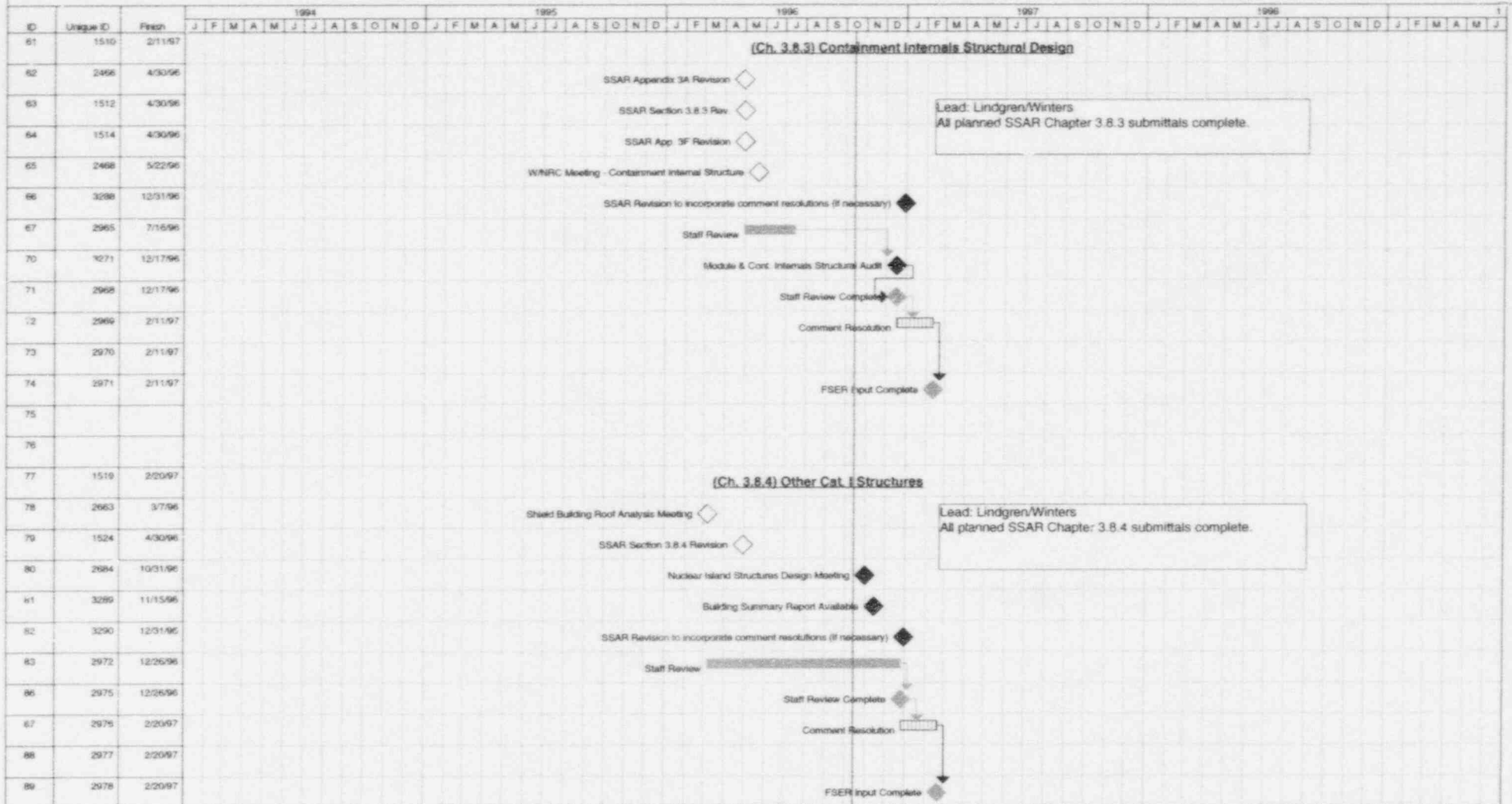
W Milestone

NRC Milestone

Completed Milestone

Summary

# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



Project: AP600 Design Certification  
Date: 10/14/96

W Task



W Milestone



Completed Milestone



NRC Task



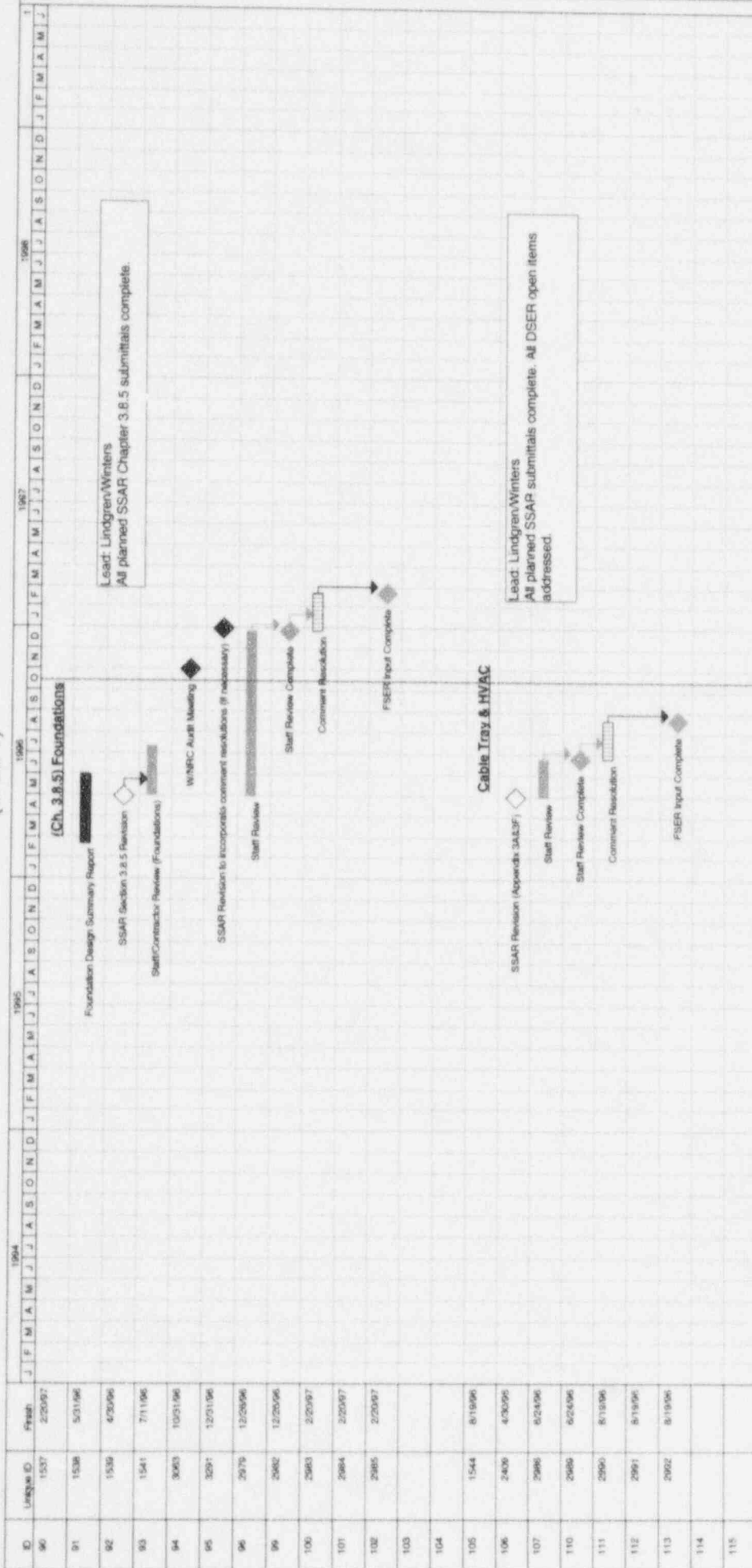
NRC Milestone



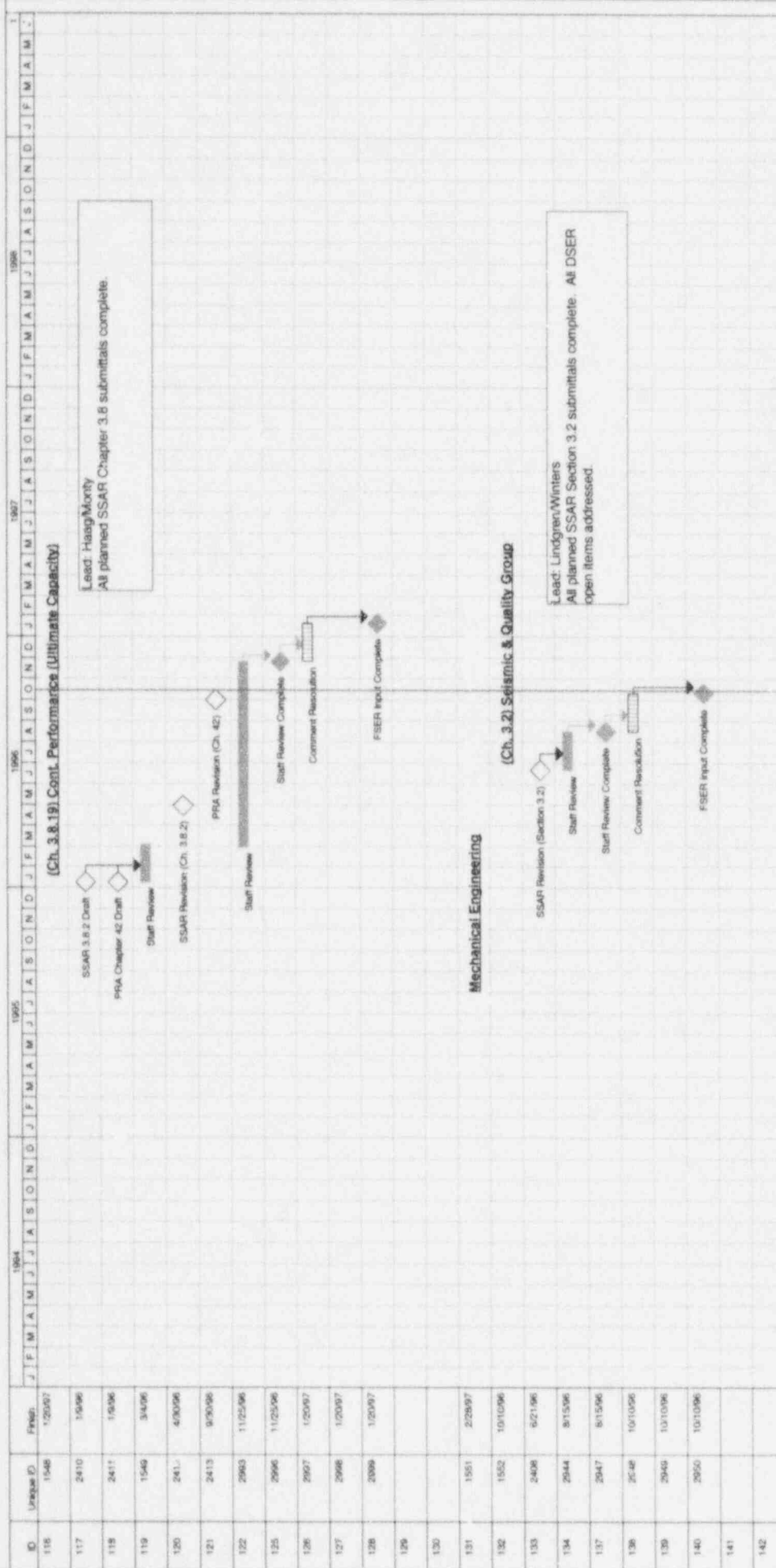
Summary



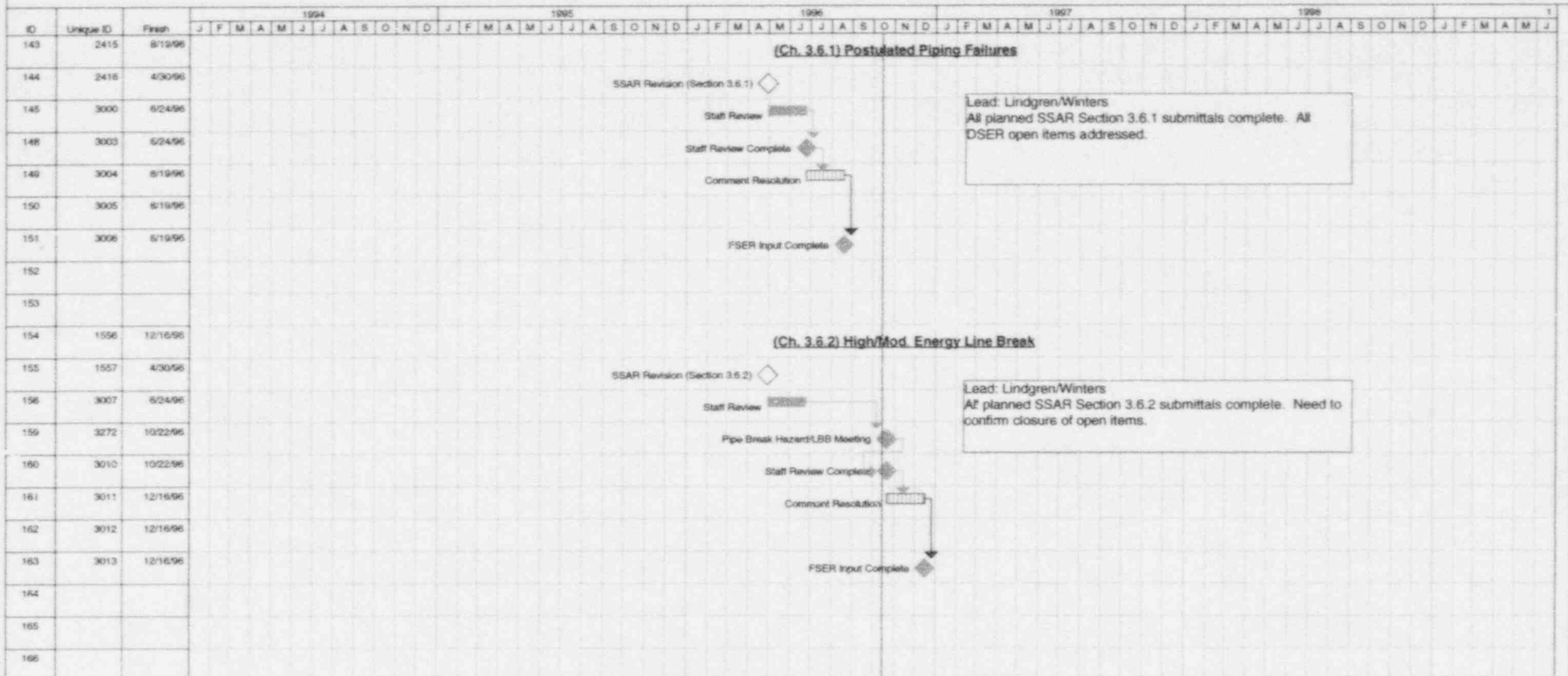
AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE  
(DRAFT)



# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



Project: AP600 Design Certification  
Date: 10/14/96

W Task



W Milestone



Completed Milestone



NRC Task



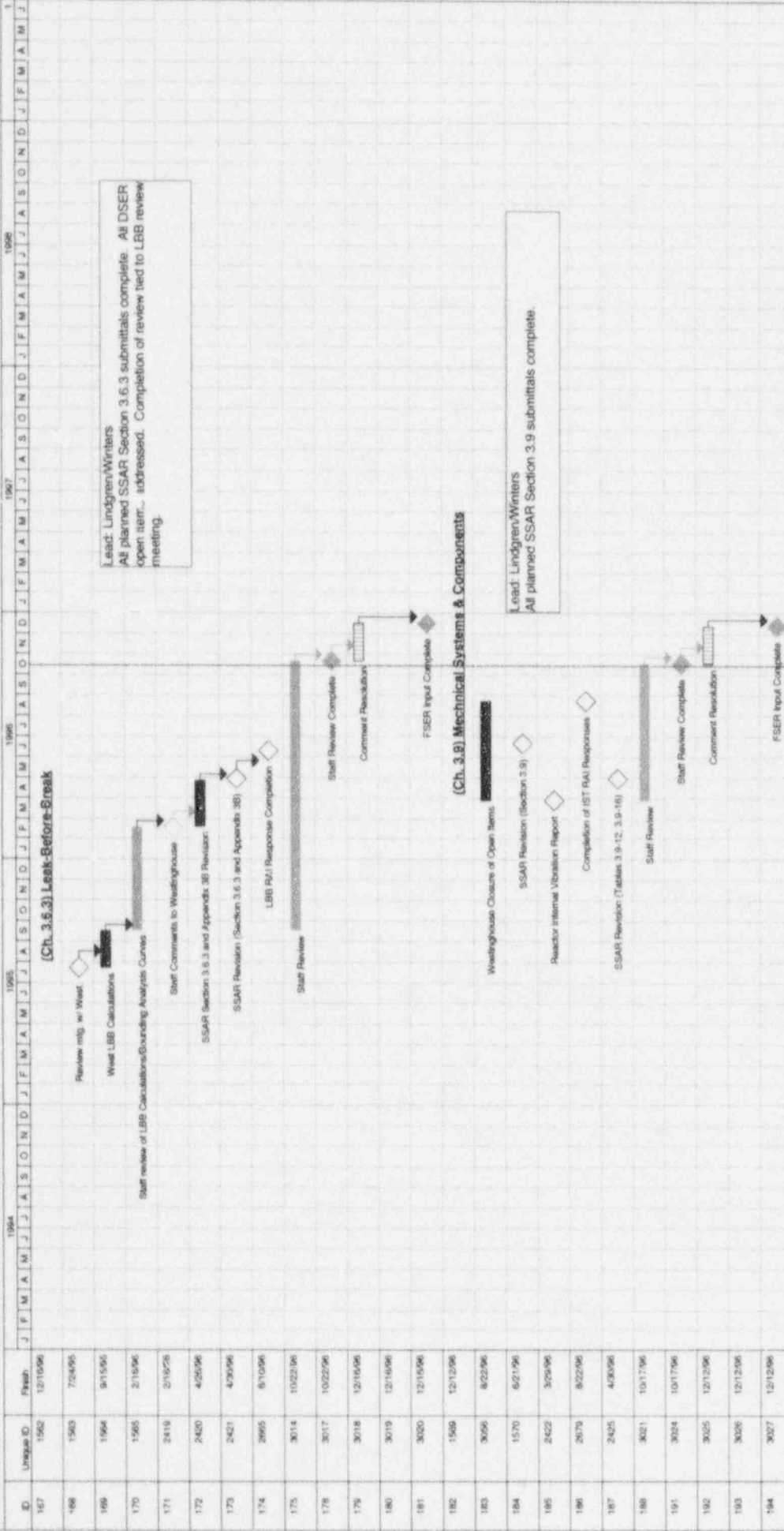
NRC Milestone



Summary



# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



Completed Milestone  
Summary

W Milestone  
NRC Milestone

W Task  
NRC Task

Project: AP600 Design Certification  
Date: 10/14/96



AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE  
(DRAFT)

ID	Unique ID	Finish	1994												1995												1996												1997												1998												1
			J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J																			
<b>(3.10) Seismic Qualification of Mech. &amp; Elec. Equipment</b>																																																															
196	3058	9/9/96	<div><div>Westinghouse Closure of Open Items</div><div>SSAR Revision (Section 3.10, Appendix 3D)</div><div>WCAP 13054 Revision</div><div>Appendix 3D Revision to incorporate final 6.2 calculations</div><div>Staff Review</div><div>Staff Review Complete</div><div>Comment Resolution</div><div>FSER Input Complete</div></div> <div><div>Lead: Lindgren/Winters</div><div>All planned SSAR Section 3.10 submittals complete.</div><div>Appendix 3D figures to be revised to reflect final SSAR 6.2</div></div>																																																												
197	1574	2/29/96																																																													
198	3057	9/9/96																																																													
199	3330	2/29/97																																																													
200	3028	11/4/96																																																													
203	3031	11/4/96																																																													
204	3032	12/30/96																																																													
205	3033	12/30/96																																																													
206	3034	12/30/96																																																													
207																																																															
208																																																															
209																																																															
<b>(3.11) Environmental Qualification of Mechanical &amp; Electrical Equipment</b>																																																															
210	2427	2/14/97	<div><div>SSAR Revision (Section 3.11)</div><div>Staff Review</div><div>Staff Review Complete</div><div>Comment Resolution</div><div>FSER Input Complete</div></div> <div><div>Lead: Lindgren/Winters</div><div>All planned SSAR Section 3.11 submittals complete.</div><div>All open items addressed.</div></div>																																																												
211	2428	6/21/96																																																													
212	3292	12/31/96																																																													
213	3035	8/15/96																																																													
216	3038	8/15/96																																																													
217	3039	2/14/97																																																													
218	3040	2/14/97																																																													
219	3041	2/14/97																																																													
220																																																															
221																																																															

Project: AP600 Design Certification  
Date: 10/14/96

W Task

NRC Task

W Milestone

NRC Milestone

Completed Milestone 

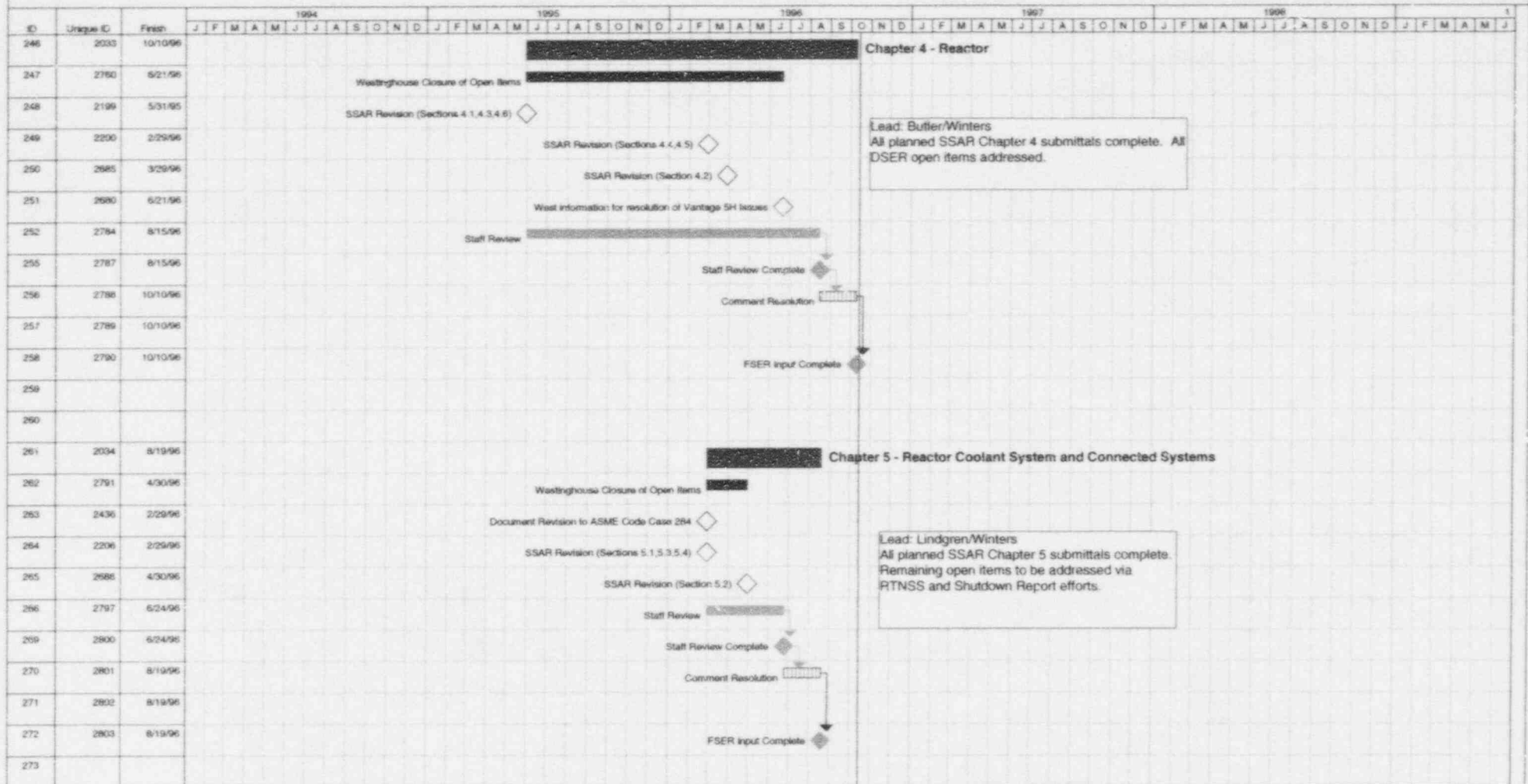
## Summary



(DRAFT)

Completed Milestone  
Summary

# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



Project: AP600 Design Certification  
Date: 10/14/96

W Task

NRC Task

W Milestone

NRC Milestone

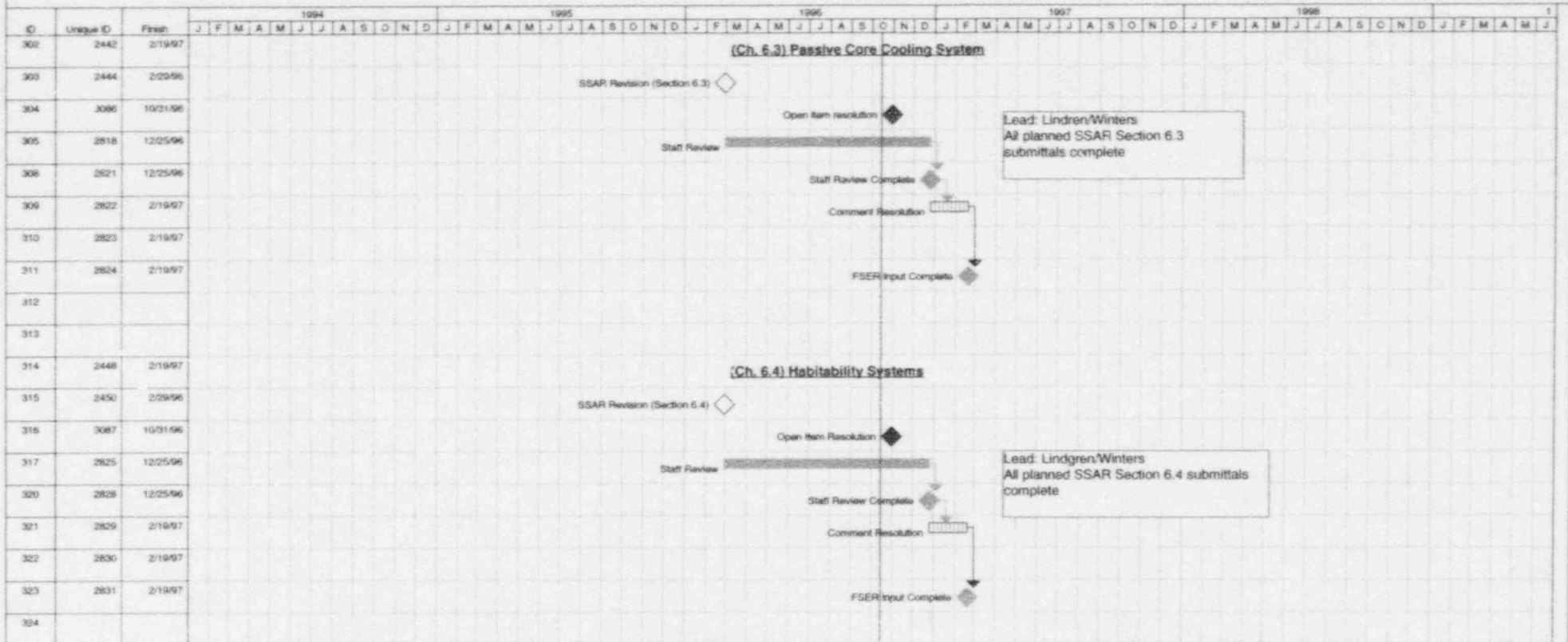
Completed Milestone

Summary

AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE  
(DRAFT)

ID	Unplan ID	Fresh
274	2035	5/22/97
275		
276	2437	8/19/96
277	2438	4/30/96
278	2804	6/24/96
281	2827	6/24/96
282	2828	8/19/96
283	2829	8/19/96
284	2810	8/19/96
285		
286		
287	2730	5/22/97
288	2739	3/29/96
289	2733	2/28/97
290	3258	2/28/97
291	3250	1/11/96
292	3261	2/27/96
293	3262	8/30/96
294	3263	4/24/97
297	3096	4/24/97
298	3087	5/22/97
299	3268	5/22/97
300	3266	5/22/97
301		

# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



Project: AP600 Design Certification  
Date: 10/14/96

W Task



W Milestone



Completed Milestone



NRC Task



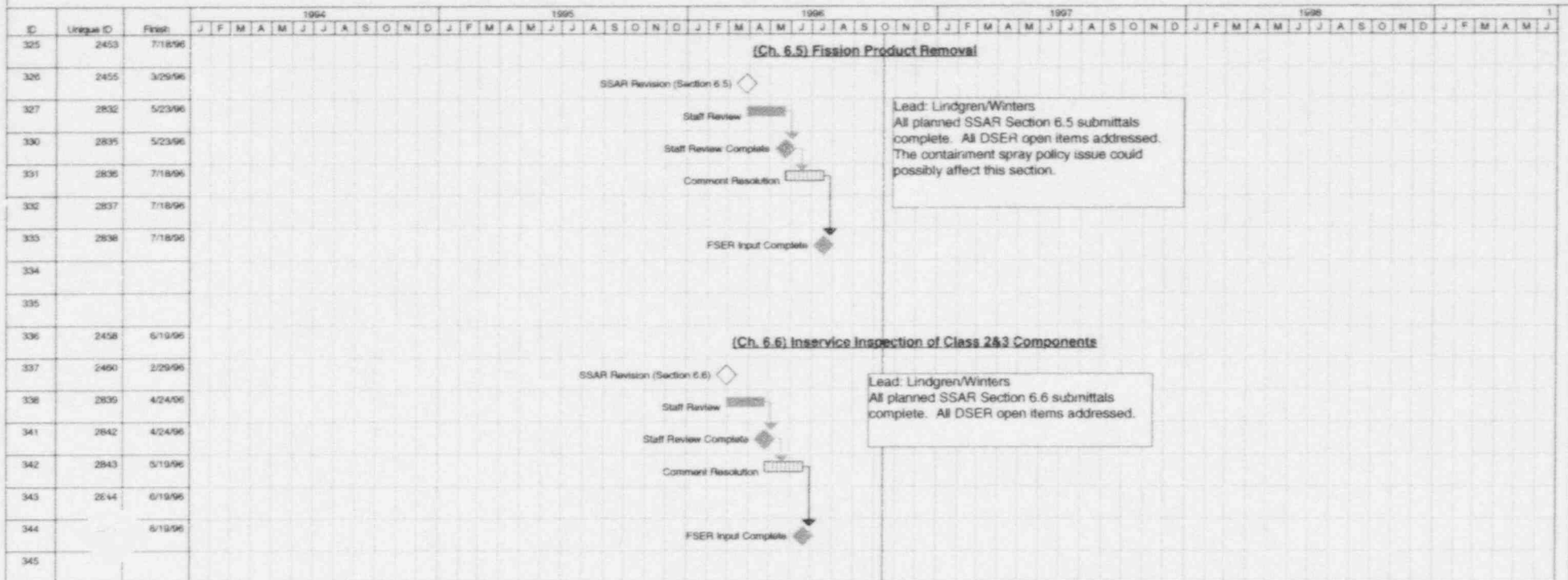
NRC Milestone



Summary



# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



Project: AP600 Design Certification  
Date: 10/14/96

W Task



W Milestone



Completed Milestone



NRC Task



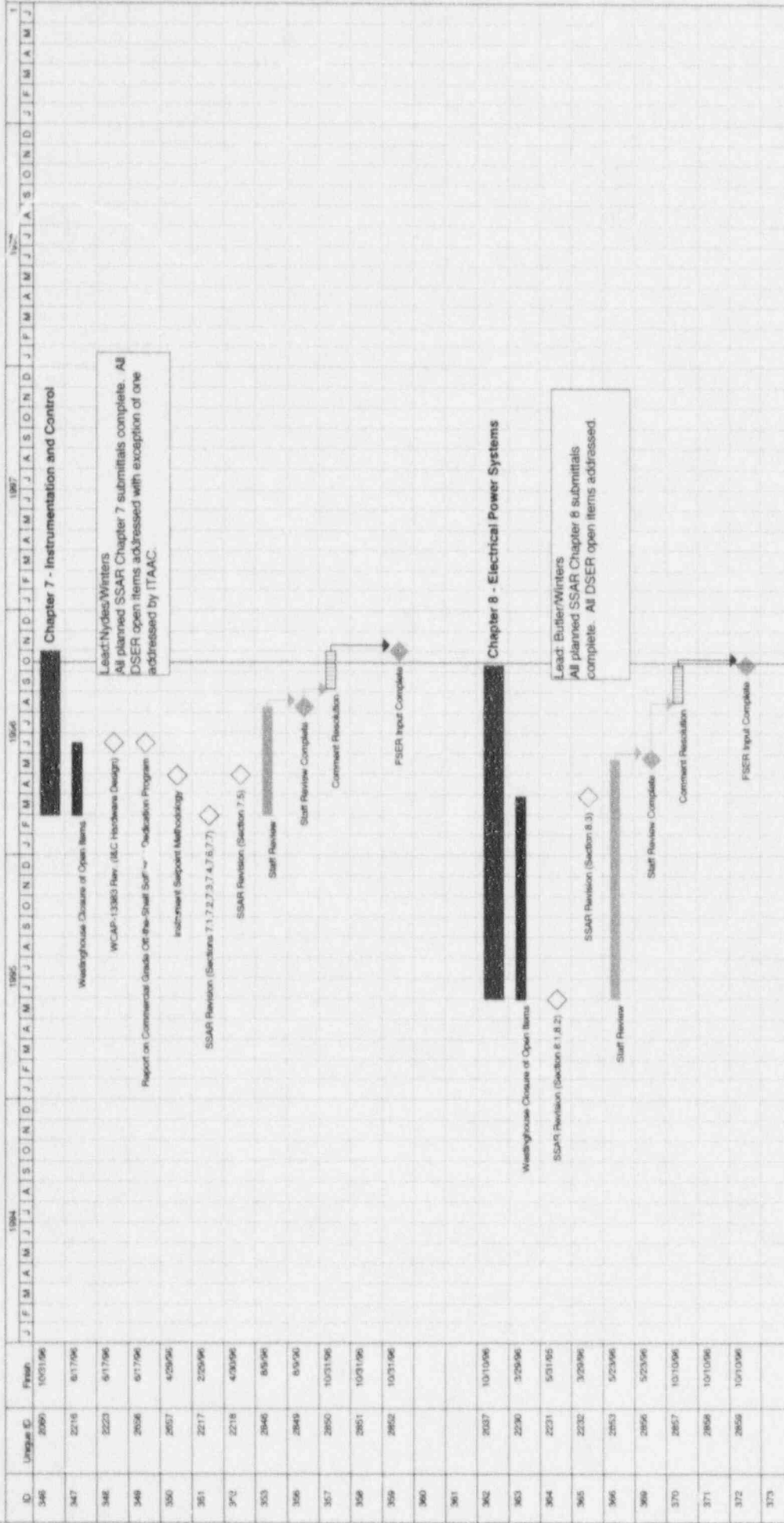
NRC Milestone



Summary



# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



Project: AP600 Design Certification  
Date: 10/14/96

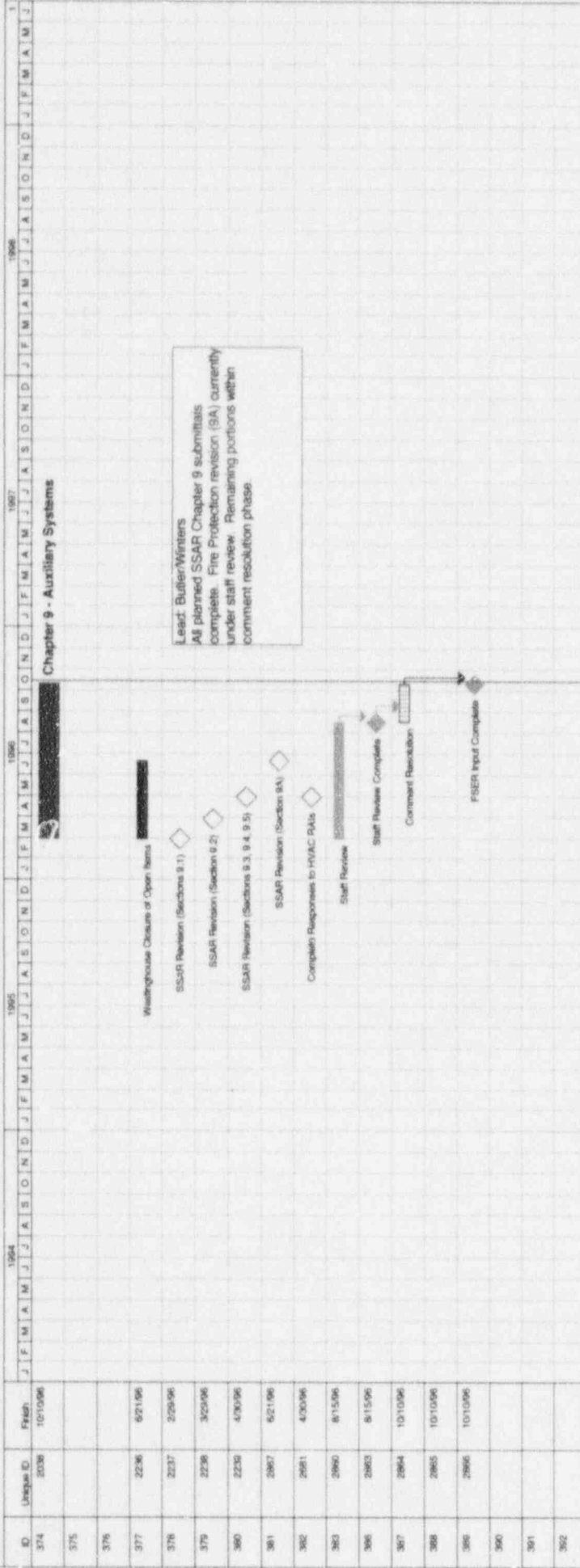
W Task  
NRC Task

W Milestone  
NRC Milestone

Completed Milestone  
Summary



# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



Project: AP600 Design Certification  
Date: 10/14/96

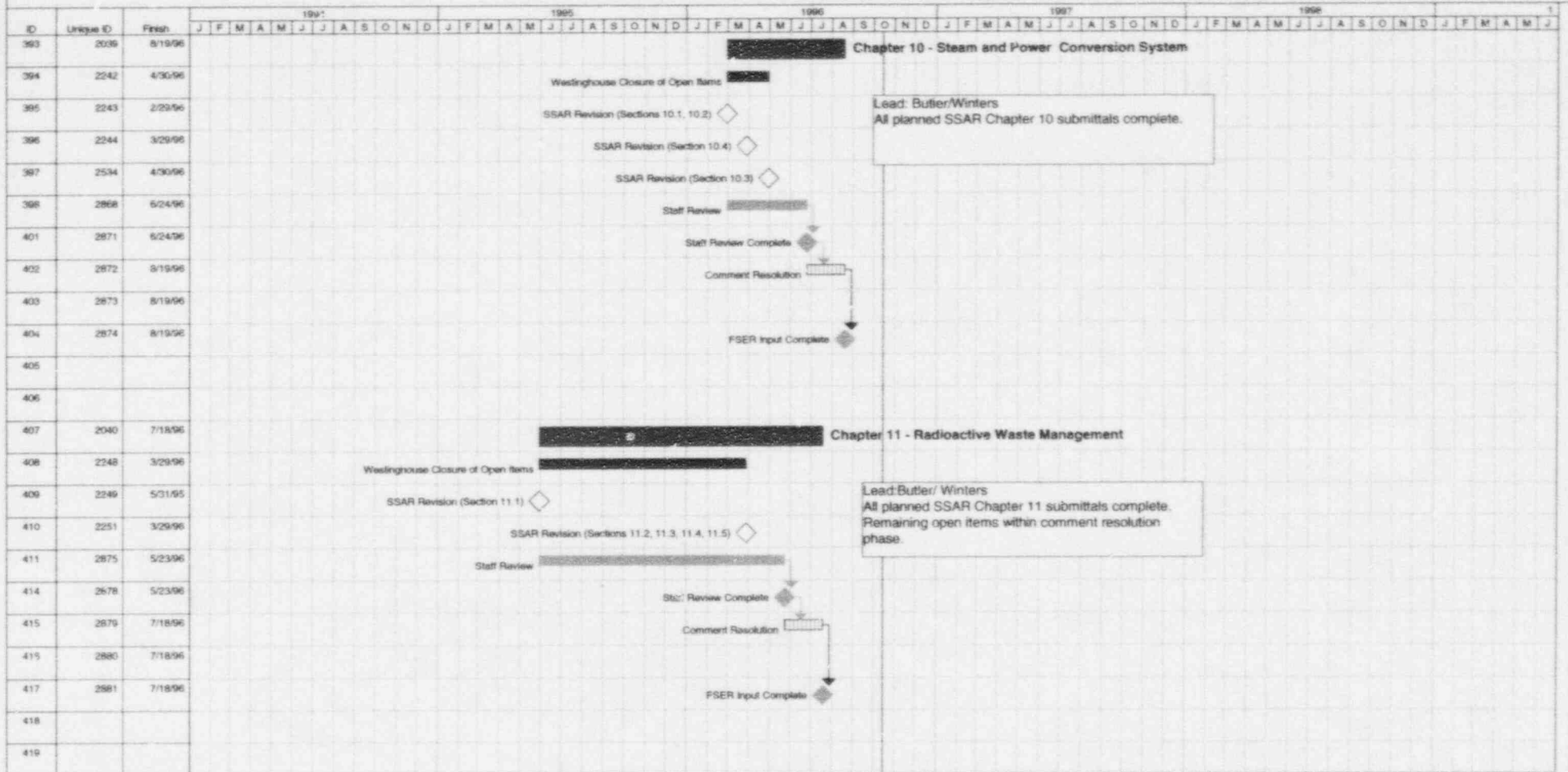
W Task  
NRC Task

W Milestone  
NRC Milestone

Completed Milestone  
Summary



# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



Project: AP600 Design Certification  
Date: 10/14/96

W Task

NRC Task

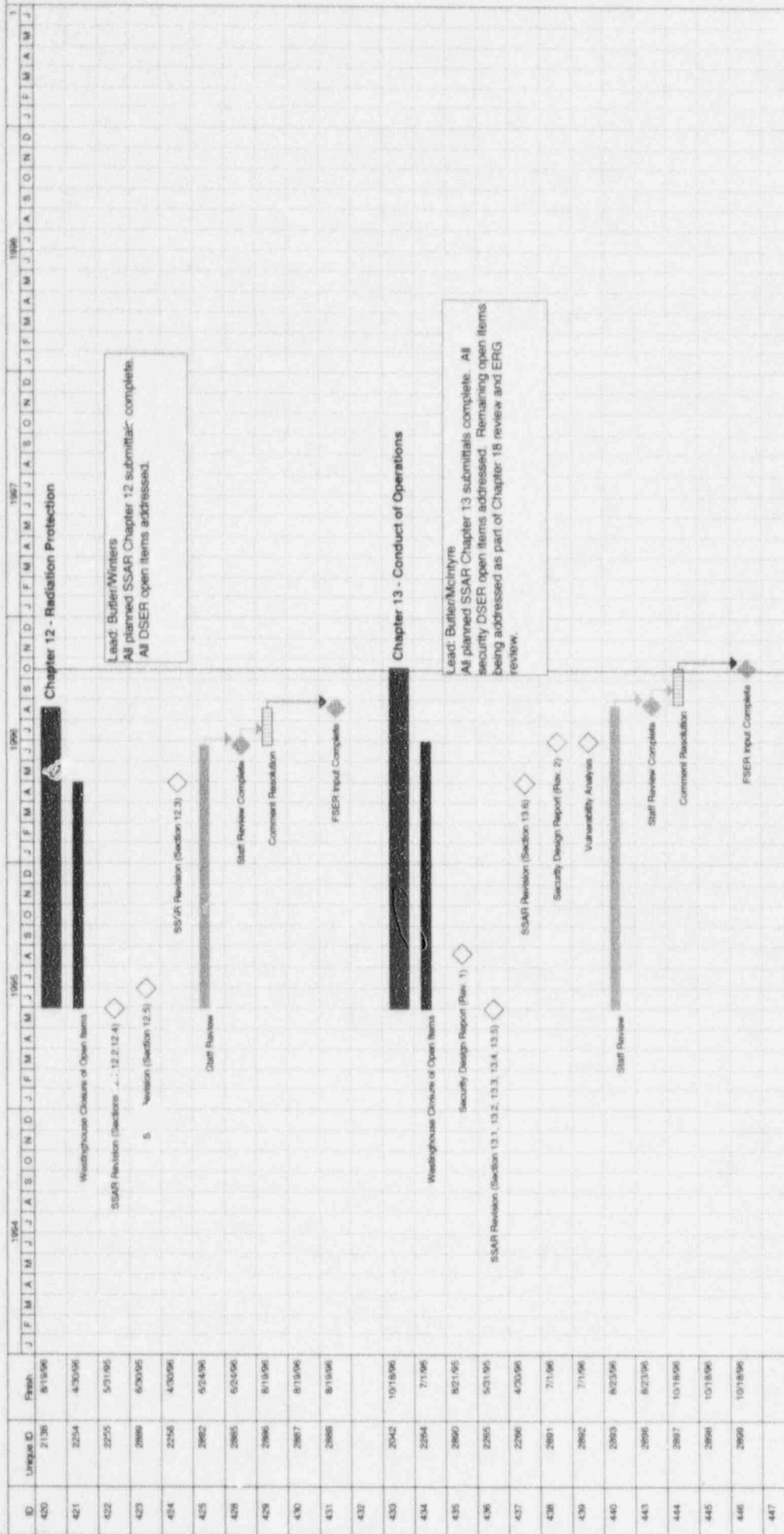
W Milestone

NRC Milestone

Completed Milestone

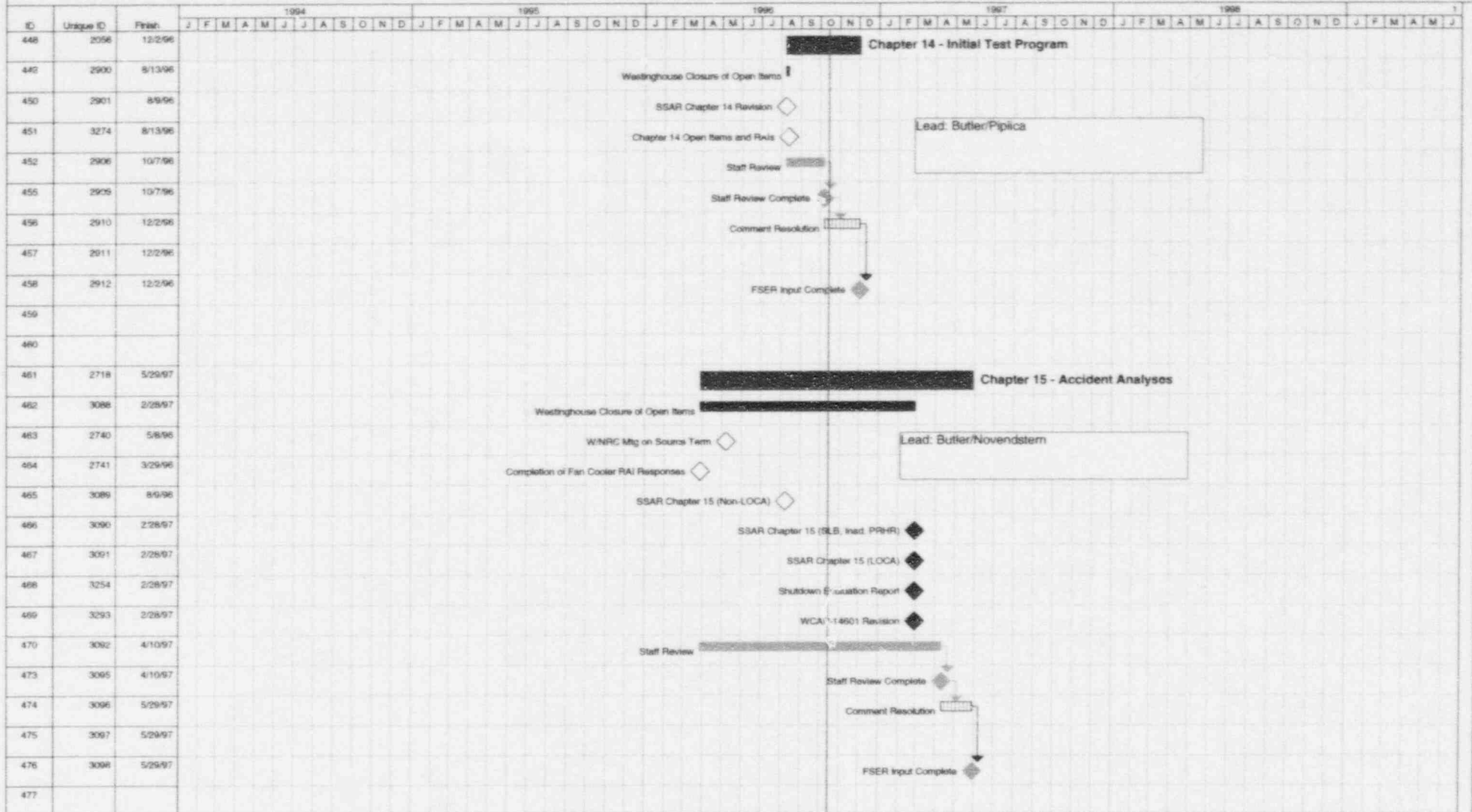
Summary

# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



Completed Milestone  
Summary

# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



Project: AP600 Design Certification  
Date: 10/14/96

W Task

NRC Task

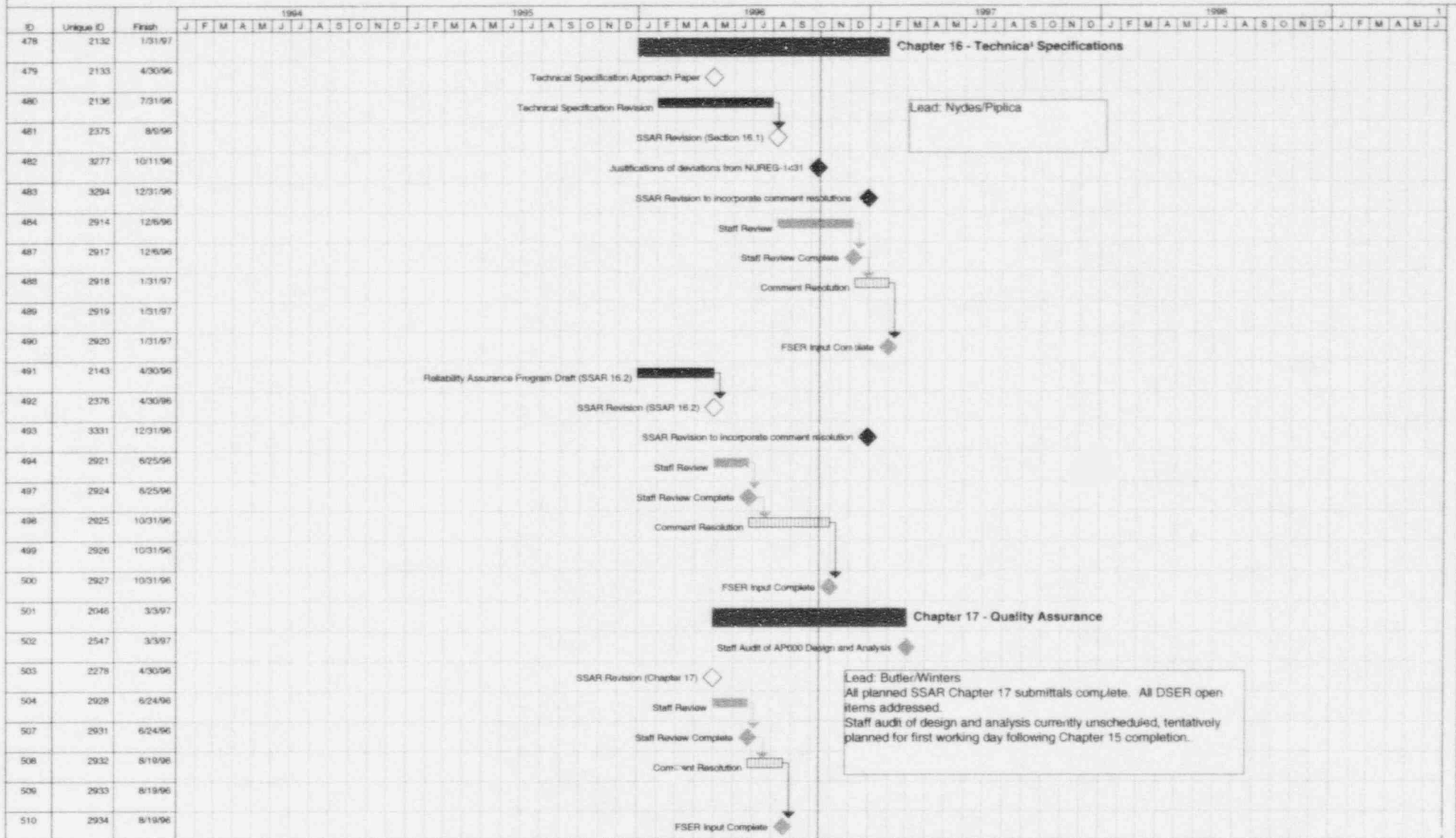
W Milestone

NRC Milestone

Completed Milestone

Summary

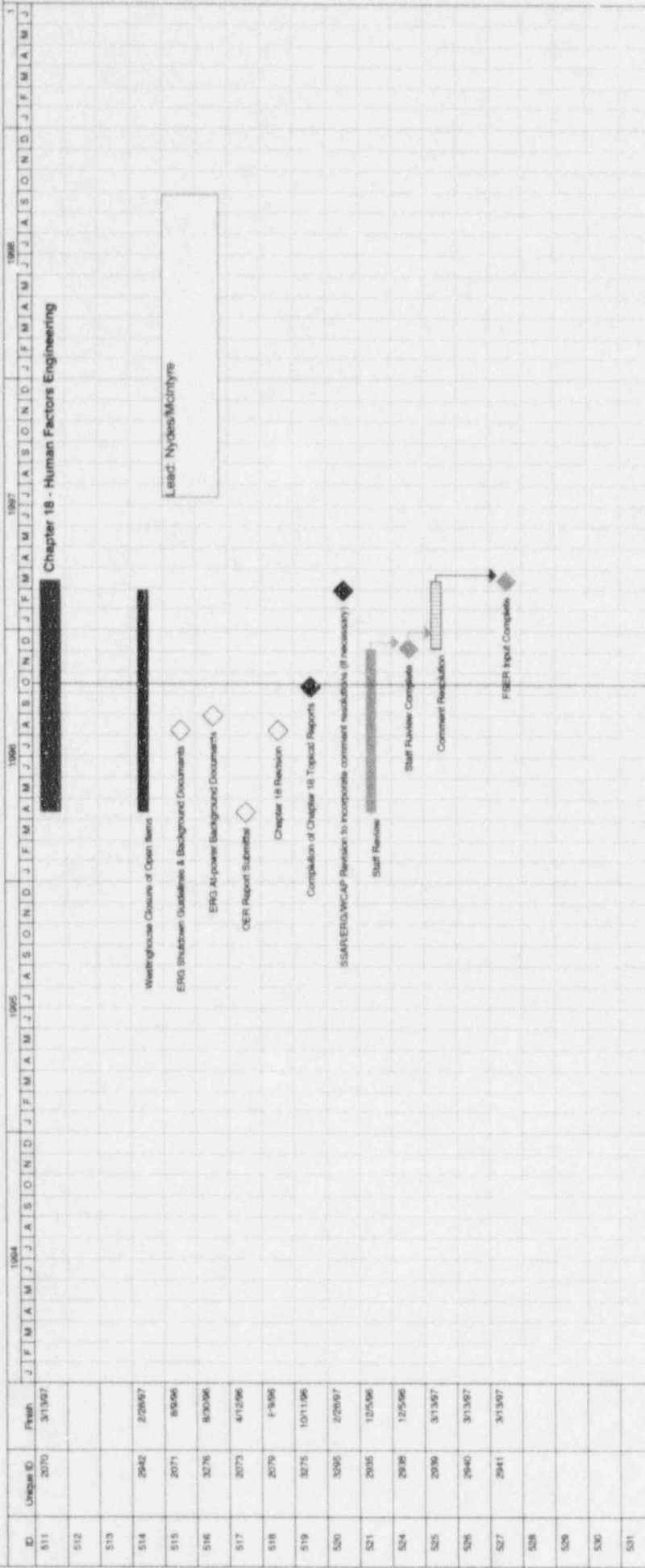
(DRAFT)



Project: AP600 Design Certification  
Date: 10/14/96



# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



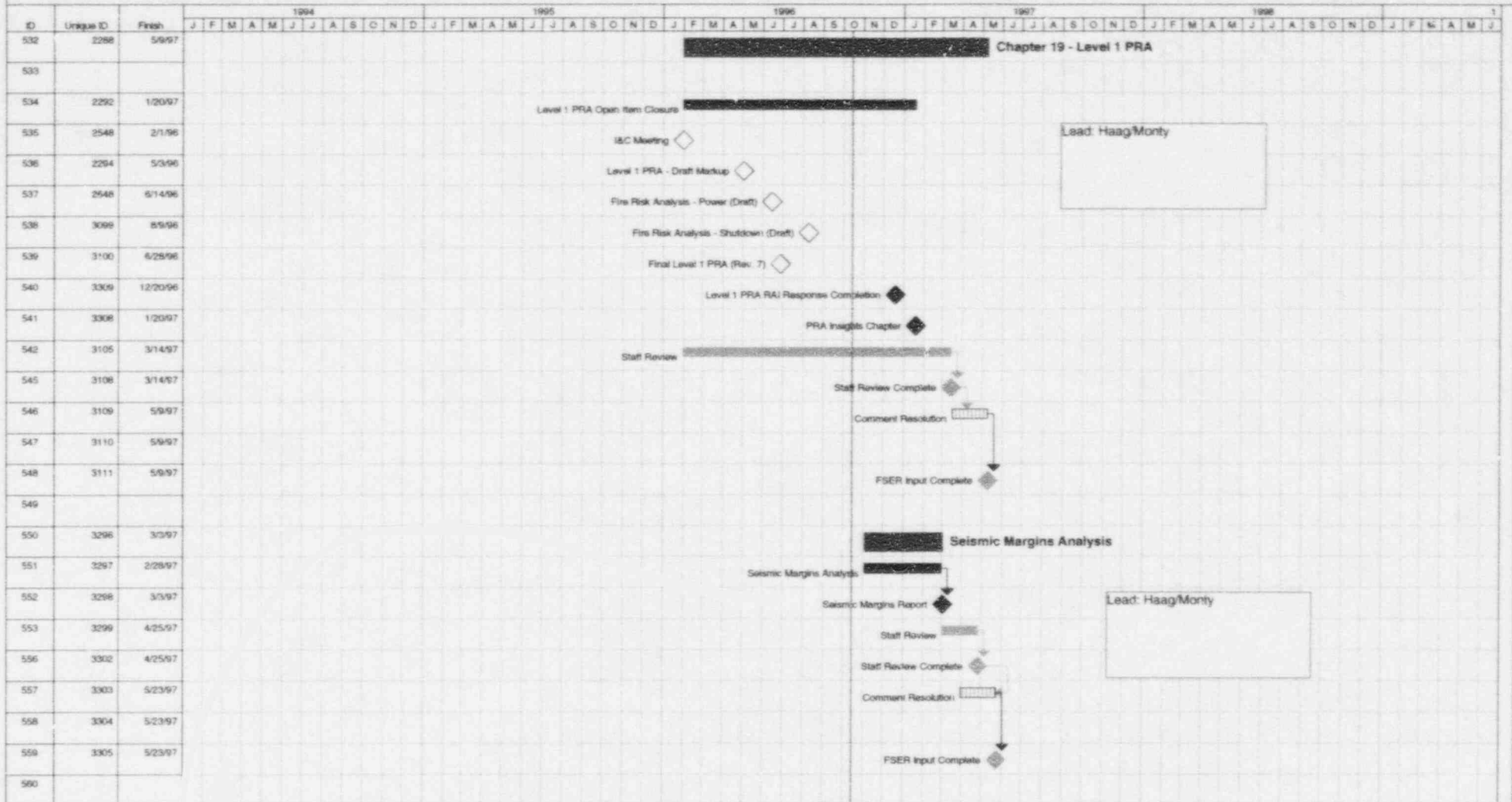
Completed Milestone  
Summary

W Milestone  
NRC Milestone

W Task  
NRC Task

Project: AP600 Design Certification  
Date: 10/14/96

# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



Project: AP600 Design Certification  
Date: 10/1/96

W Task

NRC Task

W Milestone

NRC Milestone

Completed Milestone

Summary



**AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE  
(DRAFT)**

The Gantt chart displays a project schedule from 1994 to 1998. The timeline is divided into quarters (J, F, M, A, M, J, J, A, S, O, N, D). Key tasks and their durations are as follows:

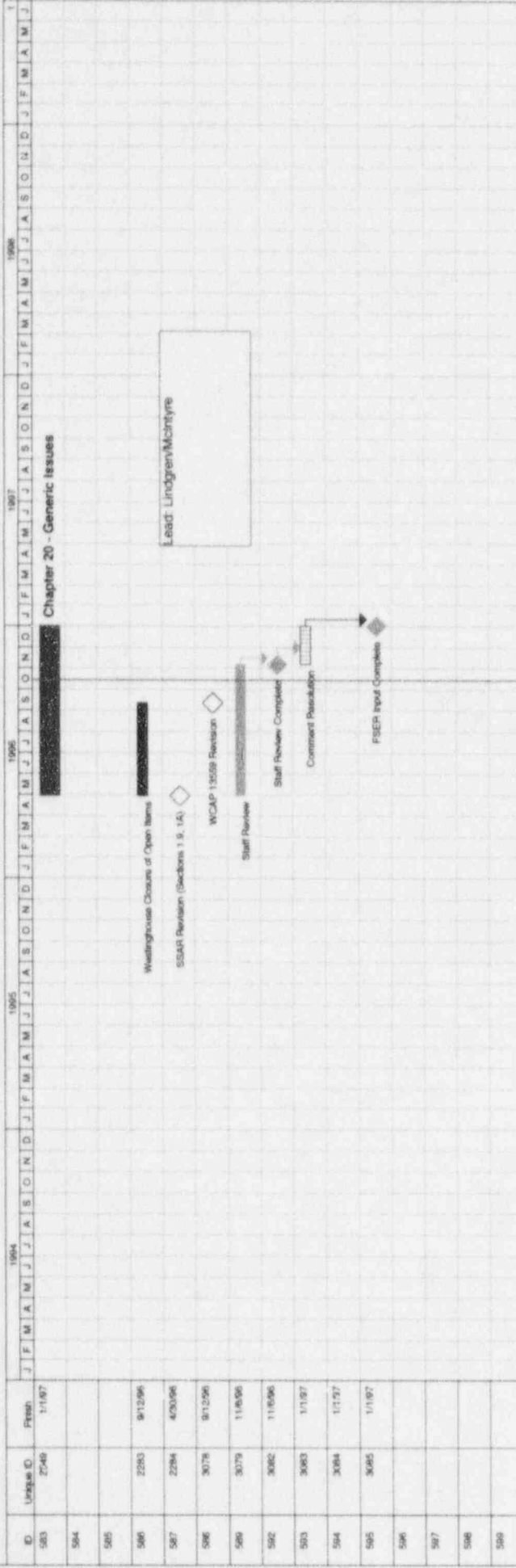
- Chapter 19 - Level 2/3 PRA**: Starts in early 1996 and continues through mid-1997.
- Level 2/3 PRA Open Item Closure**: A short task in early 1996.
- Updated MAAP Parameter File/Revised Calculations**: A task in early 1996.
- In-Vessel Retention Meeting**: A task in early 1996.
- WINRC agree on acceptable resolution path for NRC**: A task in early 1996.
- Submit DOE Complementary Report (In-Vessel Steam Explosions)**: A task in early 1996.
- Level 2/3 PRA Response Completion**: A milestone in early 1996.
- PRA Revision (excludes SMA, Ex-vessel)**: A task in early 1996.
- Diffusion Flame Report**: A task in early 1996.
- SAMDA PRA Response Completion**: A milestone in early 1996.
- SAMDA (SSAR App. 16) Revision**: A task in early 1996.
- Ex-Vessel Deterministic Evaluation Report**: A task in early 1996.
- Level 2/3 PRA & AM PRA Completion**: A milestone in early 1996.
- Staff Review**: A task spanning from early 1996 to early 1997.
- Staff Review Complete**: A milestone in early 1997.
- Comment Resolution**: A task in early 1997.
- FSER Input Complete**: A milestone in early 1997.

A box labeled "Lead: Haag/Monty" is positioned in the upper right area of the chart.

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# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



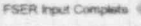
Completed Milestone  
Summary

W Milestone  
NRC Milestone

W Task  
NRC Task

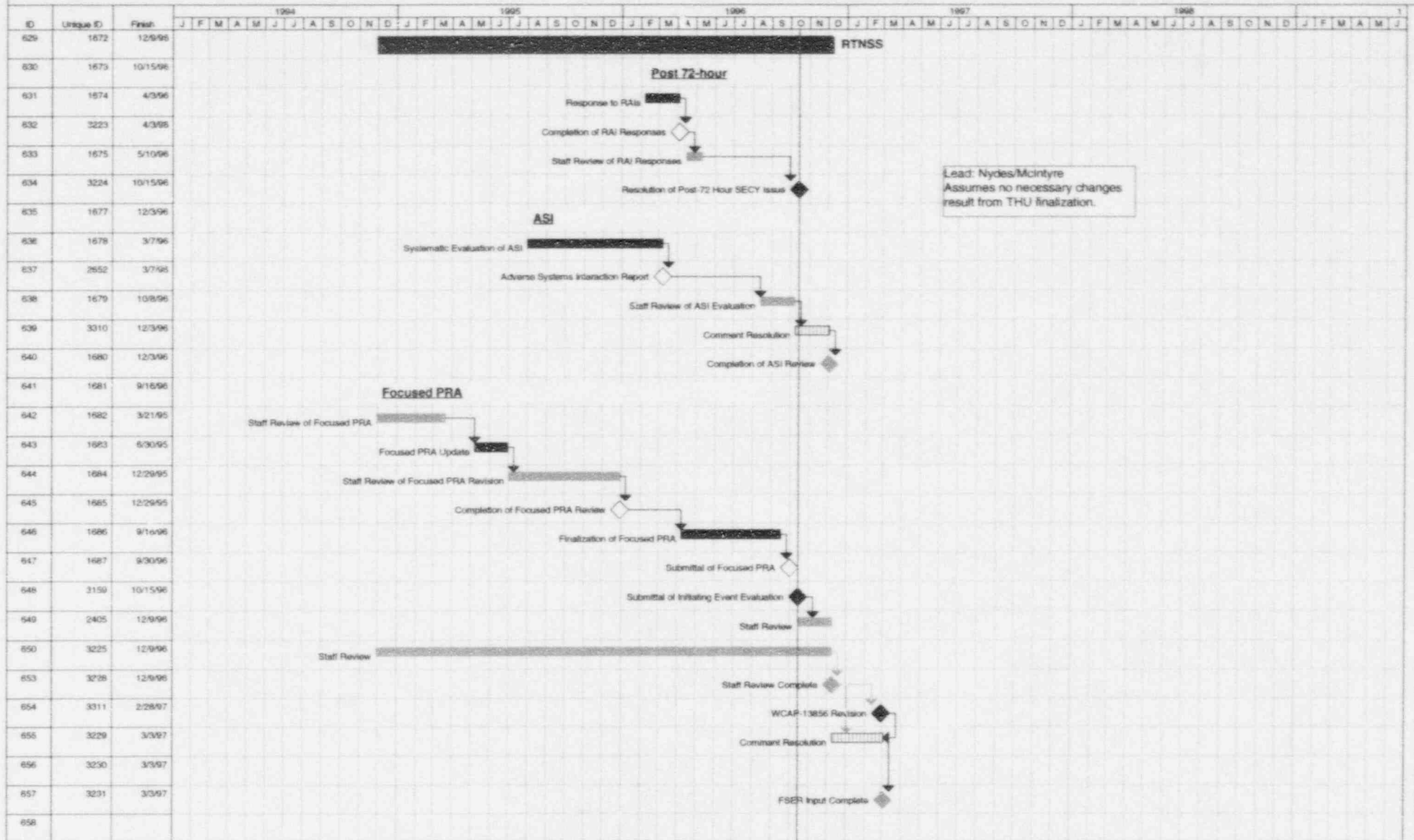
Project: AP600 Design Certification  
Date: 10/14/96

(DRAFT)



1. Positive feedback from NRC @ 8/27 THU meeting.
2. NOTRUMP frozen by 11/16
3. Does not factor in assessment of changes to final NOTRUMP version vs. Oct. version (includes code & input deck) or to recal. THU, if needed.
4. LTC DBA calc by 11/30.
5. No changes to Focused PRA success criteria.

# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



Lead: Nydes/McIntyre  
Assumes no necessary changes  
result from THU finalization.

Project: AP600 Design Certification  
Date: 10/14/96

W Task

NRC Task

W Milestone

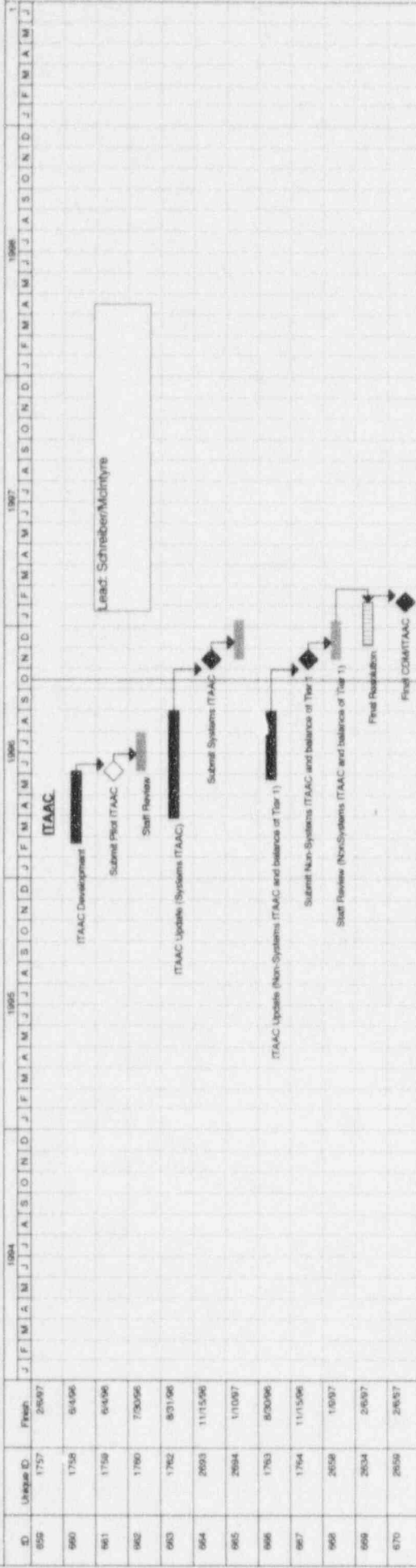
NRC Milestone

Completed Milestone

Summary

# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE

(DRAFT)



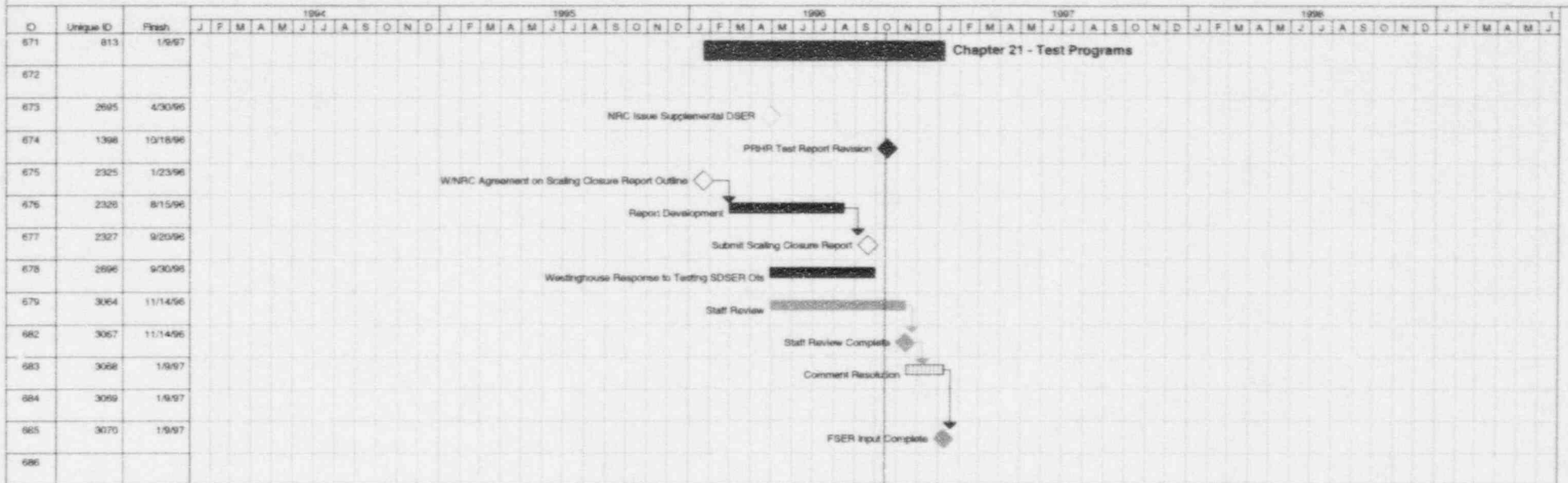
Project: AP600 Design Certification  
Date: 10/14/96

W Task  
NPC Task

W Milestone  
NPC Milestone

Completed Milestone  
Summary

# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



Project: AP600 Design Certification  
Date: 10/14/96

W Task

NRC Task

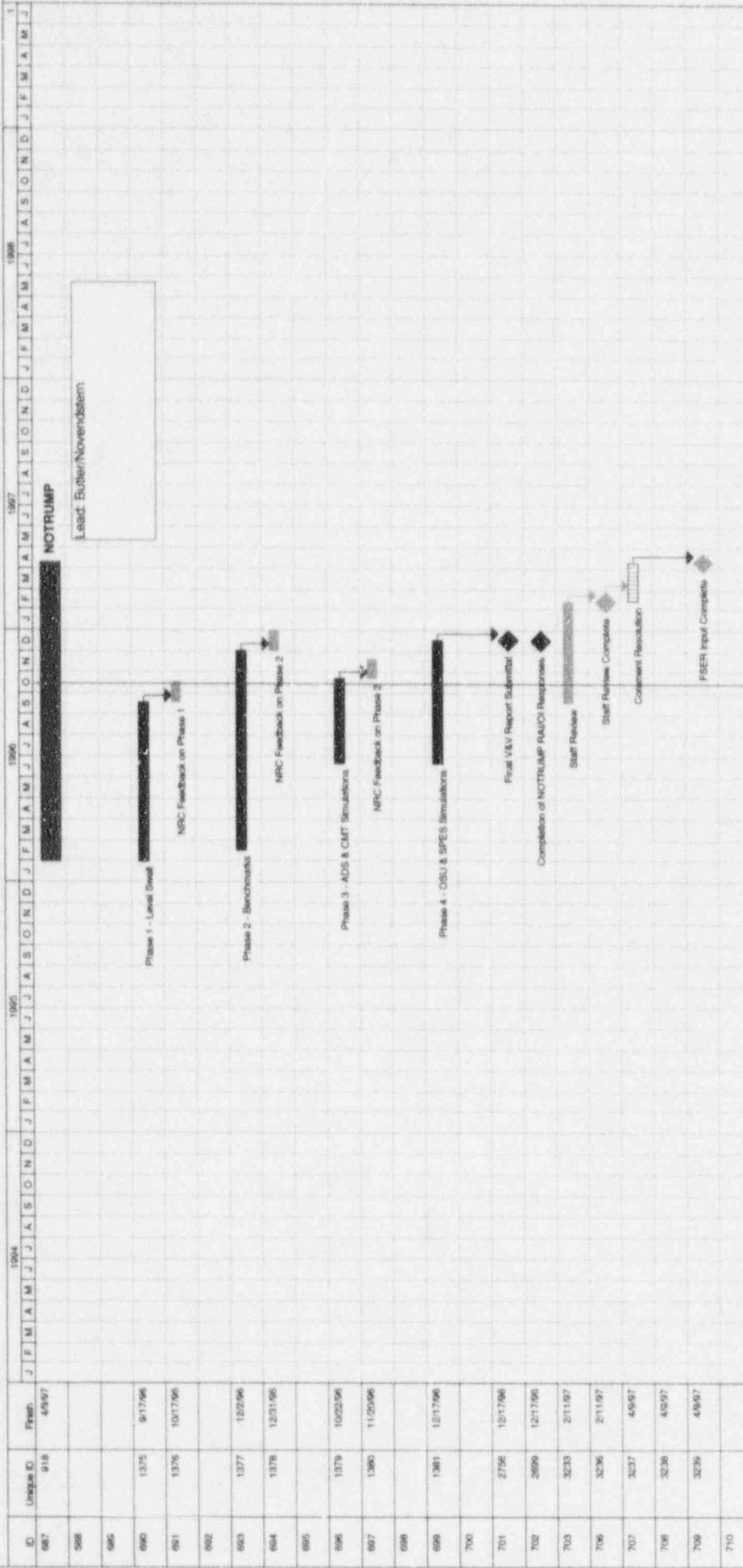
W Milestone

NRC Milestone

Completed Milestone

Summary

# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



Completed Milestone  
Summary

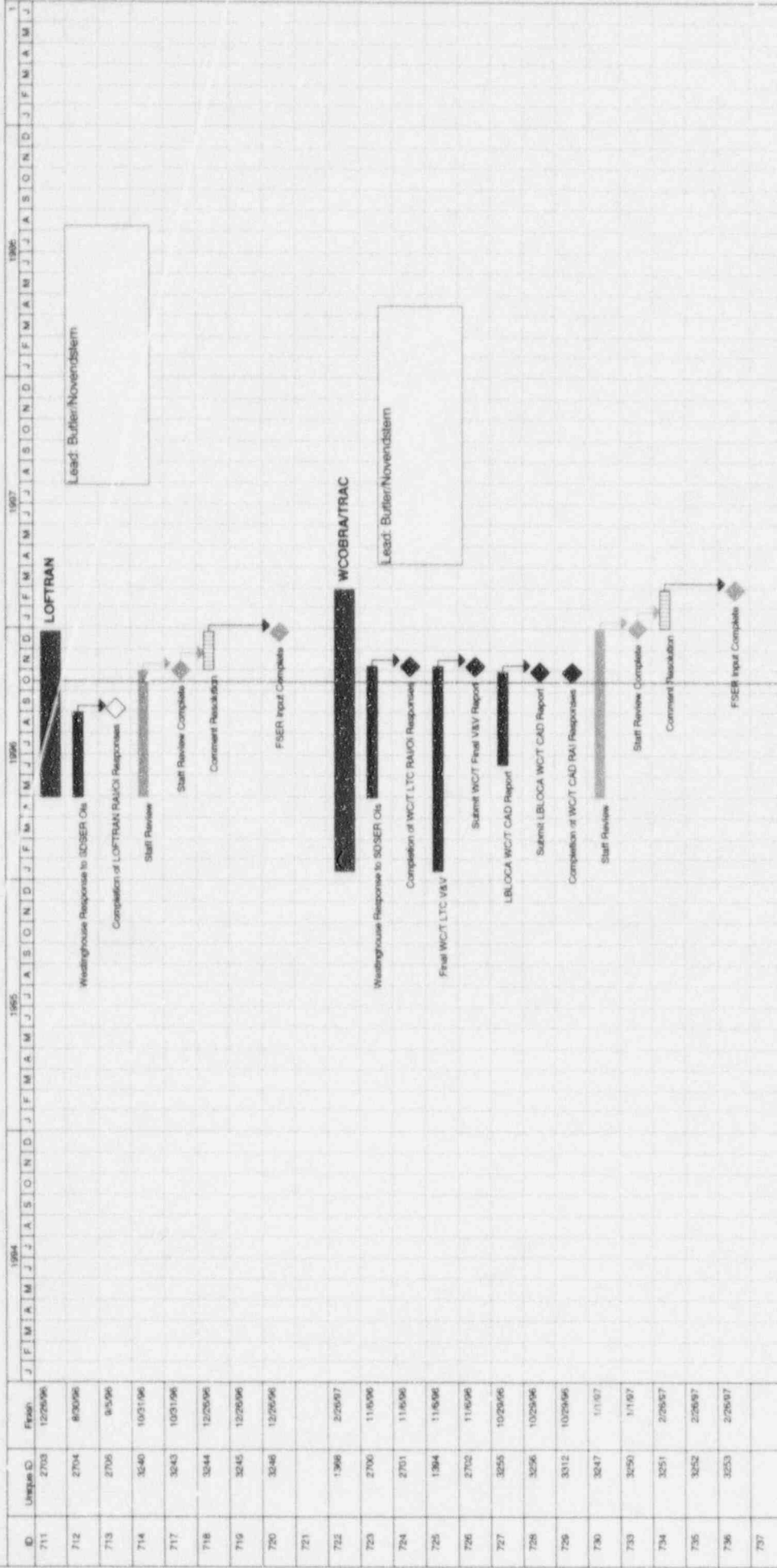
W Milestone  
NRC Milestone

W Task  
NRC Task

Project: AP600 Design Certification  
Date: 10/14/96



# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



Completed Milestone  
Summary

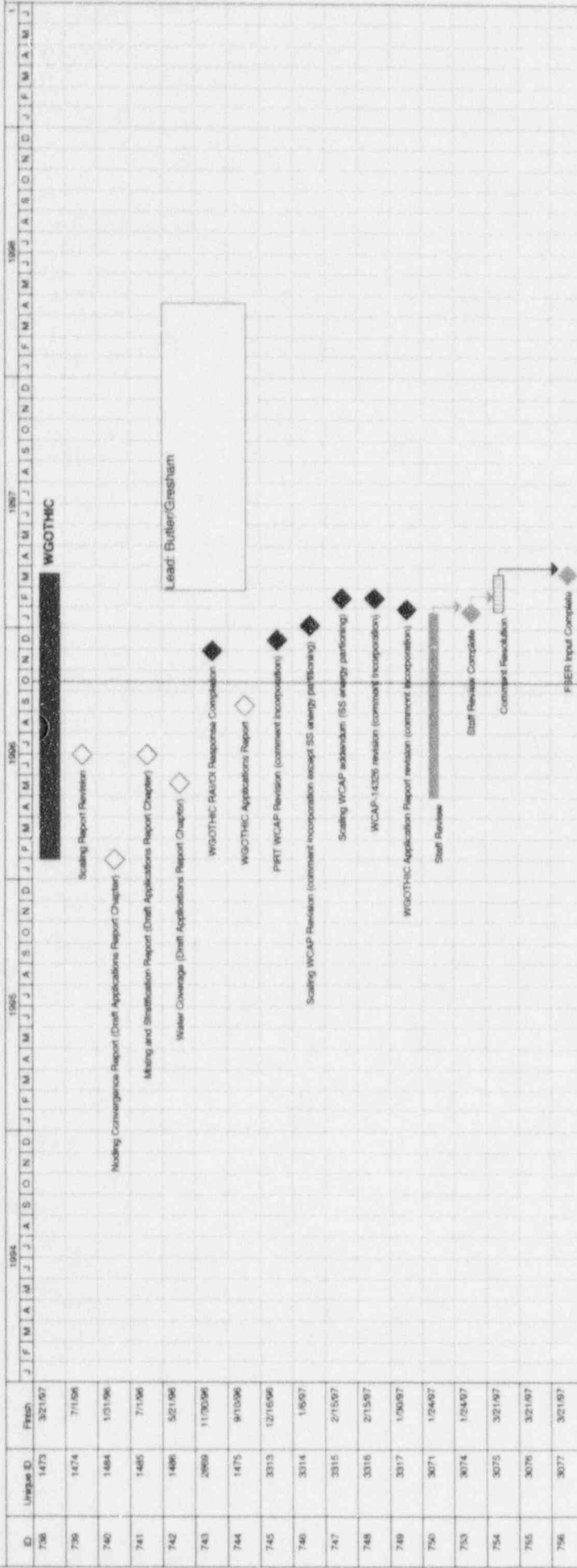
W Milestone  
NRC Milestone

W Task  
NRC Task

Project: AP600 Design Certification  
Date: 10/14/96



# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



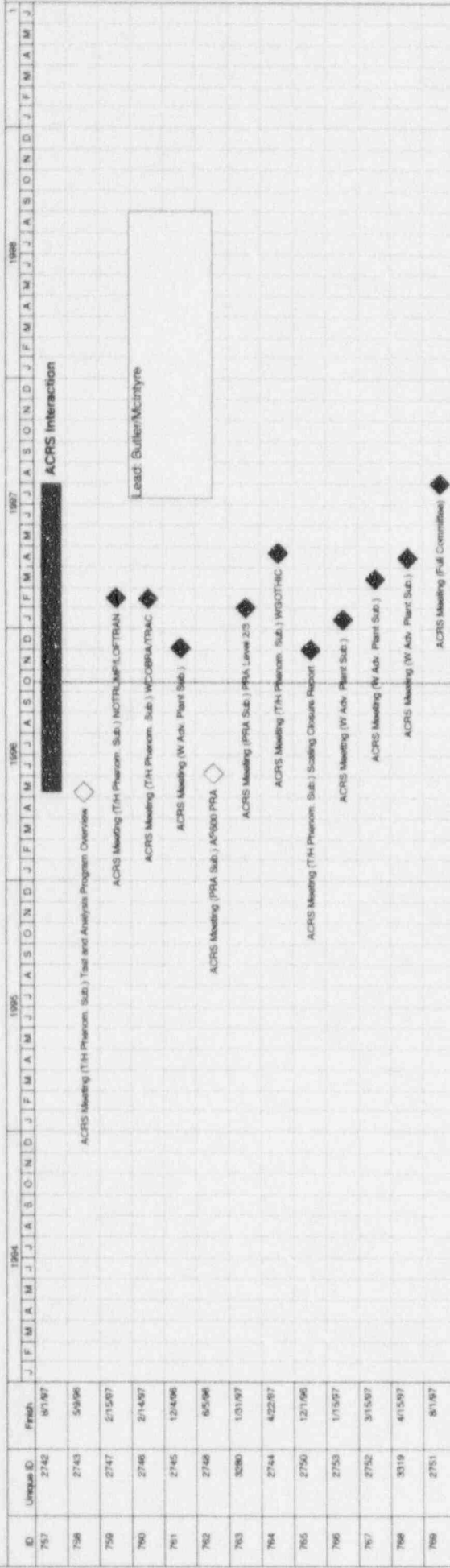
Completed Milestone  
Summary

W Milestone  
NRC Milestone

W Task  
NRC Task

Project: AP600 Design Certification  
Date: 10/14/96

# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



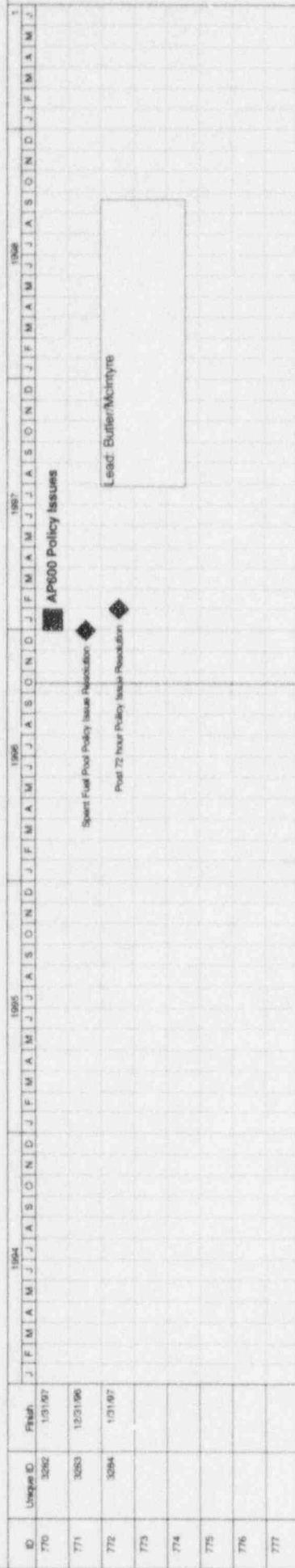
Project: AP600 Design Certification  
Date: 10/14/96

W Task  
NRC Task

W Milestone  
NRC Milestone

Completed Milestone  
Summary

# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



Completed Milestone  
Summary

W Milestone  
NRC Milestone

W Task  
NRC Task

Project: AP600 Design Certification  
Date: 10/14/96

(DRAFT)

ID	Unique ID	Finish	1994												1995												1996												1997												1998												1
			J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J							
778	3160	5/31/97	[REDACTED] Staff FSEER Input to PM																																																												
779	3161	8/19/96	Chapter 1 - Introduction																																																												
780	3162	10/11/96	Chapter 2 - Site Envelope Characteristics																																																												
781	3195	10/4/96	Chapter 3.7 Seismic Design																																																												
782	3196	12/13/96	Chapter 3.8.2 Containment Vessel																																																												
783	3187	2/11/97	Chapter 3.8.3 Containment Internal Structural Design																																																												
784	3198	2/20/97	Chapter 3.8.4 Other Cat. 1 Structures																																																												
785	3199	2/20/97	Chapter 3.8.5 Foundations																																																												
786	3200	8/19/96	Cable Trays and HVAC																																																												
787	3201	1/20/97	Chapter 3.8.10 Containment Performance (Ultimate Capacity)																																																												
788	3202	10/10/96	Chapter 3.2 Seismic and Quality Group																																																												
789	3203	8/19/96	Chapter 3.6.1 Postulated Piping Failures																																																												
790	3204	12/16/96	Chapter 3.6.2.1 Piping Fracture Line Break																																																												
791	3205	12/16/96	Chapter 3.6.2.2 Leak Before Break																																																												
792	3206	12/12/96	Chapter 3.9 Mechanical Systems and Components																																																												
793	3207	12/30/96	Chapter 3.10 Seismic Qualification of Mech. & Elec. Equipment																																																												
794	3208	2/14/97	Chapter 3.11 Environmental Qual. of Mech. & Elec. Equipment																																																												
795	3209	8/19/96	Chapter 3.12 Piping Criteria																																																												
796	3210	6/19/96	Chapter 3.5.1.3 Turbine Missiles																																																												
797	3211	10/10/96	Chapter 4 Reactor																																																												
798	3165	8/19/96	Chapter 5 - Reactor Coolant System and Connected Systems																																																												
799	3166	8/19/96	Chapter 6.1 ESP Materials																																																												
800	3212	5/22/97	Chapter 6.2 Containment Systems																																																												
801	3213	2/19/97	Chapter 6.3 Passive Core Cooling Systems																																																												
802	3214	2/19/97	Chapter 6.4 Habitability Systems																																																												

Project: AP600 Design Certification  
Date: 10/14/96

W Task

NRC Task

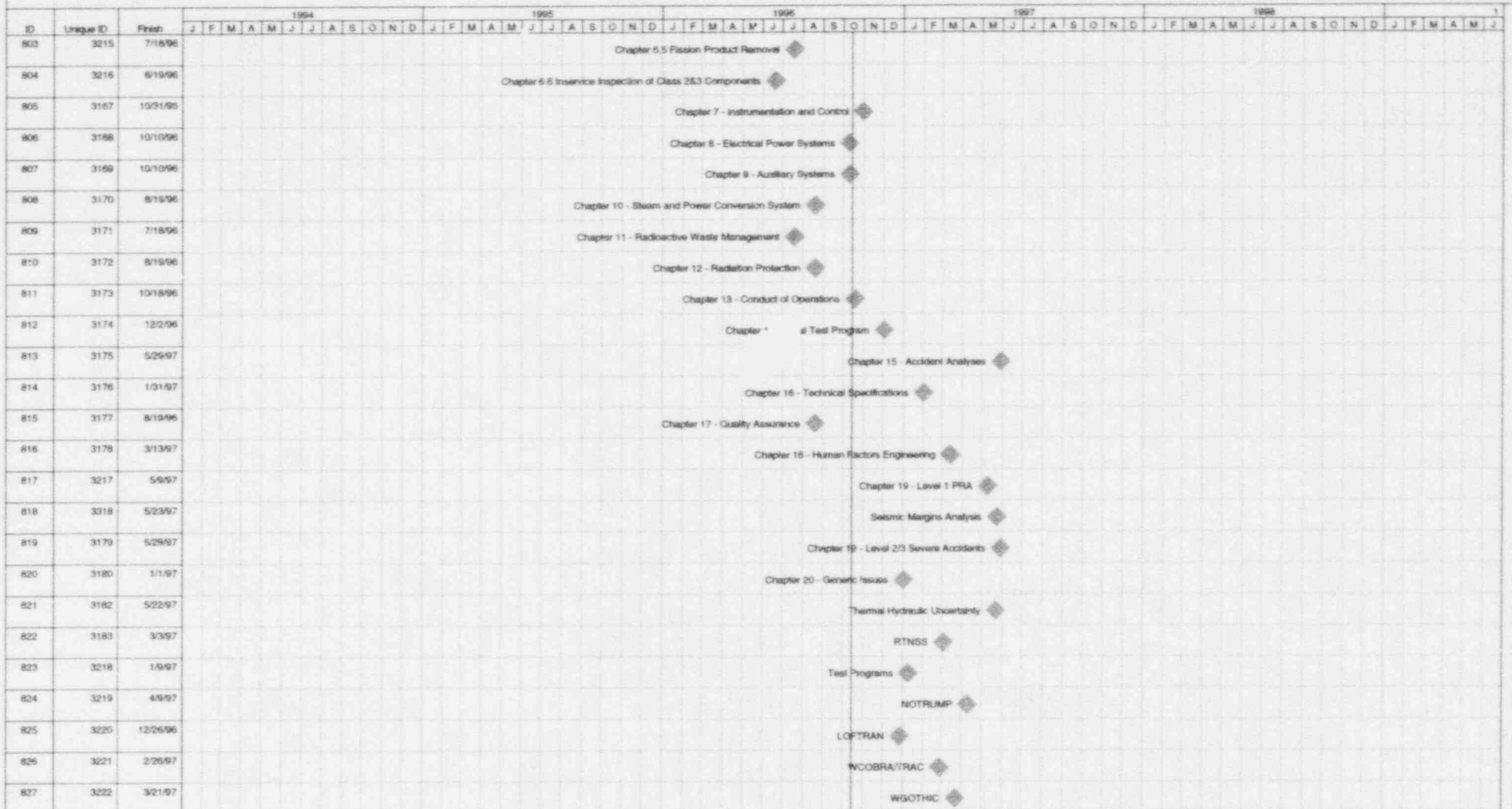
W Milestone

NRC Milestone

Completed Milestone 

## Summary

# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



Project: AP600 Design Certification  
Date: 10/14/96

W Task

NRC Task

W Milestone

NRC Milestone

Completed Milestone

Summary

# AP600 DESIGN CERTIFICATION ACTIVITY SCHEDULE (DRAFT)



Completed Milestone  
Summary

W Milestone  
NRC Milestone

W Task  
NRC Task

Project: AP600 Design Certification  
Date: 10/14/96



ATTACHMENT 2  
TO  
NSD-NRC-96-4844

# AP600 Open Item Tracking System Project Status Report

Selection: Chapter Like 1.\*

Status as of : [ 10/14/9 ]

Open Item Type	Resolution Status (W / NRC)									
	Inactive	Progress	Active	Proposed	Action W	Action N	Resolved	Closed	Total	
DSER -OI	0 / 0	0 / 0	0 / 0	0 / 0	1 / 6	0 / 1	0 / 0	6 / 0	7 / 7	
DSER - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	
DSER - COL	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	
DSER -OI50	0 / 0	0 / 0	0 / 1	0 / 0	2 / 1	0 / 1	0 / 0	1 / 0	3 / 3	
RAI -OI	0 / 0	0 / 0	0 / 0	0 / 0	1 / 1	0 / 0	0 / 0	0 / 0	1 / 1	
RAI -Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	/ 0	0 / 0	0 / 0	
Meeting -OI	0 / 0	0 / 0	0 / 0	0 / 0	1 / 1	0 / 0	0 / 0	0 / 0	1 / 1	
Teleconference -OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	
Total:	0 / 0	0 / 0	0 / 1	0 / 0	5 / 9	0 / 2	0 / 0	7 / 0	12 / 12	

**AP600 Open Item Tracking System  
Project Status Report**

Selection: Chapter Like 2 \*

Status as of : [ 10/14/9 ]

Open Item Type	Resolution Status (W / NRC)								
	Inactive	Progress	Active	Proposed	Action W	Action N	Resolved	Closed	Total
DSER - OI	0 / 0	0 / 0	0 / 0	0 / 0	2 / 3	0 / 2	0 / 48	51 / 0	53 / 53
DSER - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 5	5 / 0	5 / 5
DSER - COL	0 / 0	0 / 0	0 / 0	0 / 2	0 / 0	0 / 3	0 / 39	44 / 0	44 / 44
DSER - OI50	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
RAI - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
RAI -Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Meeting - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Teleconference - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Total:	0 / 0	0 / 0	0 / 0	0 / 2	2 / 3	0 / 5	0 / 92	100 / 0	102 / 102

**AP600 Open Item Tracking System  
Project Status Report**

Selection: Chapter Like 3.\*

Status as of : [ 10/14/9 ]

Open Item Type	Resolution Status (W / NRC)								Total
	Inactive	Progress	Active	Proposed	Action W	Action N	Resolved	Closed	
DSER - OI	0 / 0	0 / 0	0 / 0	4 / 0	50 / 98	0 / 10	8 / 170	226 / 10	288 / 288
DSER - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	2 / 9	0 / 0	1 / 37	43 / 0	46 / 46
DSER - COL	0 / 0	0 / 0	0 / 0	0 / 0	0 / 3	0 / 3	0 / 10	16 / 0	16 / 16
DSER - OI50	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	0 / 2	0 / 6	9 / 0	9 / 9
RAI - OI	0 / 0	0 / 0	0 / 0	0 / 0	27 / 35	0 / 1	3 / 1	8 / 1	38 / 38
RAI -Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Meeting - OI	0 / 0	0 / 0	0 / 1	0 / 0	2 / 49	0 / 5	2 / 36	158 / 71	162 / 162
Teleconference - OI	0 / 0	0 / 0	0 / 0	0 / 0	1 / 2	0 / 0	0 / 0	1 / 0	2 / 2
Total:	0 / 0	0 / 0	0 / 1	4 / 0	82 / 197	0 / 21	14 / 260	461 / 82	561 / 561

**AP600 Open Item Tracking System  
Project Status Report**

Selection: Chapter Like 4.\*

Status as of : [ 10/14/9 ]

Open Item Type	Resolution Status (W / NRC)									
	Inactive	Progress	Active	Proposed	Action W	Action N	Resolved	Closed	Total	
DSER - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 2	0 / 0	0 / 19	28 / 7	28 / 28	
DSER - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	
DSER - COL	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	1 / 0	1 / 1	
DSER - OI50	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	
RAI - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	
RAI -Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	
Meeting - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	
Teleconference - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	
Total:	0 / 0	0 / 0	0 / 0	0 / 0	0 / 2	0 / 0	0 / 20	29 / 7	29 / 29	

**AP600 Open Item Tracking System  
Project Status Report**

Selection: Chapter Like 5\*

Status as of : [ 10/14/9 ]

Open Item Type	Resolution Status (W / NRC)									Total
	Inactive	Progress	Active	Proposed	Action W	Action N	Resolved	Closed		
DSER - OI	0 / 0	0 / 0	0 / 1	0 / 0	1 / 6	0 / 10	0 / 35	78 / 27	79 / 79	
DSER - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	
DSER - COL	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	0 / 2	0 / 0	9 / 6	9 / 9	
DSER - OI50	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	1 / 0	1 / 1	
RAI - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	29 / 29	29 / 29	
RAI -Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	
Meeting - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 9	0 / 3	0 / 32	54 / 10	54 / 54	
Teleconference - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	
Total	0 / 0	0 / 0	0 / 1	0 / 0	1 / 16	0 / 15	0 / 68	171 / 72	172 / 172	



**AP600 Open Item Tracking System  
Project Status Report**

Selection: Chapter Like 6.\*

Status as of : [ 10/14/9 ]

Open Item Type	Resolution Status (W / NRC)								Total
	Inactive	Progress	Active	Proposed	Action W	Action N	Resolved	Closed	
DSER - OI	0 / 0	0 / 0	1 / 3	0 / 0	4 / 17	0 / 34	1 / 23	71 / 0	77 / 77
DSER - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
DSER - COL	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 7	7 / 0	7 / 7
DSER - OI50	0 / 0	0 / 0	0 / 2	0 / 0	0 / 4	0 / 0	0 / 1	8 / 0	8 / 7
RAI - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 22	0 / 0	0 / 0	22 / 0	22 / 22
RAI -Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Meeting - OI	0 / 4	0 / 0	0 / 1	0 / 0	1 / 1	0 / 3	1 / 9	20 / 4	22 / 22
Teleconference - OI	0 / 0	0 / 0	0 / 0	0 / 0	3 / 9	0 / 1	2 / 0	5 / 0	10 / 10
Total:	0 / 4	0 / 0	1 / 6	0 / 0	8 / 53	0 / 38	4 / 40	133 / 4	146 / 145

AP600 Open Item Tracking System  
Project Status Report

Selection: Chapter Like 7.\*

Status as of : [ 10/14/99 ]

Open Item Type	Resolution Status (W / NRC)								
	Inactive	Progress	Active	Proposed	Action W	Action N	Resolved	Closed	Total
DSER - OI	0 / 0	0 / 0	0 / 0	0 / 6	0 / 3	0 / 4	0 / 7	20 / 0	20 / 20
DSER - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 2	2 / 0	2 / 2
DSER - COL	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
DSER - OI50	0 / 0	0 / 0	0 / 0	0 / 0	1 / 3	0 / 0	0 / 0	2 / 0	3 / 3
RAI - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	0 / 0	0 / 0	1 / 0	1 / 1
RAI -Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Meeting - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	0 / 1	0 / 0	2 / 0	2 / 2
Teleconference - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Total:	0 / 0	0 / 0	0 / 0	0 / 6	1 / 8	0 / 5	0 / 9	27 / 0	28 / 28

**AP600 Open Item Tracking System  
Project Status Report**

Selection: Chapter Like 8.\*

Status as of : [ 10/14/9 ]

Open Item Type	Resolution Status (W / NRC)								
	Inactive	Progress	Active	Proposed	Action W	Action N	Resolved	Closed	Total
DSER - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 4	0 / 5	0 / 19	28 / 0	28 / 28
DSER - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
DSER - COL	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 11	11 / 0	11 / 11
DSER - OI50	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	0 / 0	1 / 0	1 / 1
RAI - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	0 / 0	0 / 0	1 / 0	1 / 1
RAI -Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Meeting - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	1 / 0	1 / 1
Teleconference - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Total:	0 / 0	0 / 0	0 / 0	0 / 0	0 / 5	0 / 6	0 / 31	42 / 0	42 / 42

**AP600 Open Item Tracking System  
Project Status Report**

Selection: Chapter Like 9.\*

Status as of : [ 10/14/9 ]

Open Item Type	Resolution Status (W / NRC)								Total
	Inactive	Progress	Active	Proposed	Action W	Action N	Resolved	Closed	
DSER - OI	0 / 0	0 / 0	0 / 5	0 / 0	0 / 24	0 / 9	1 / 4	49 / 8	50 / 50
DSER - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
DSER - COL	0 / 0	0 / 0	0 / 0	0 / 0	0 / 4	0 / 0	0 / 1	6 / 1	6 / 6
DSER - OI50	0 / 0	0 / 0	0 / 1	0 / 0	1 / 1	0 / 1	0 / 0	2 / 0	3 / 3
RAI - OI	0 / 0	0 / 0	0 / 1	0 / 0	14 / 25	0 / 9	0 / 6	27 / 0	41 / 41
RAI -Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Meeting - OI	0 / 0	0 / 0	1 / 6	0 / 0	3 / 63	0 / 12	1 / 58	155 / 21	160 / 160
Teleconference - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 6	0 / 0	0 / 5	11 / 0	11 / 11
Total:	0 / 0	0 / 0	1 / 13	0 / 0	18 / 123	0 / 31	2 / 74	250 / 30	271 / 271

**AP600 Open Item Tracking System  
Project Status Report**

Selection: Chapter Like 10.\*

Status as of : [ 10/14/9 ]

Open Item Type	Resolution Status (W / NRC)								Total
	Inactive	Progress	Active	Proposed	Action W	Action N	Resolved	Closed	
DSER - OI	0 / 0	0 / 0	0 / 2	0 / 0	1 / 8	0 / 2	0 / 21	33 / 1	34 / 34
DSER - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 5	5 / 0	5 / 5
DSER - COL	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	0 / 0	0 / 2	3 / 0	3 / 3
DSER - OI50	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	1 / 1	1 / 1
RAI - OI	0 / 0	0 / 0	0 / 0	0 / 0	2 / 1	0 / 2	0 / 3	4 / 0	6 / 6
RAI -Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Meeting - OI	0 / 0	0 / 0	0 / 2	0 / 0	2 / 11	0 / 1	1 / 3	15 / 1	18 / 18
Teleconference - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 3	0 / 0	0 / 7	10 / 0	10 / 10
Total:	0 / 0	0 / 0	0 / 4	0 / 0	5 / 24	0 / 5	1 / 41	71 / 3	77 / 77

# AP600 Open Item Tracking System Project Status Report

Selection: Chapter Like 11 \*

Status as of : [ 10/14/9 ]

Open Item Type	Resolution Status (W / NRC)								
	Inactive	Progress	Active	Proposed	Action W	Action N	Resolved	Closed	Total
DSER - OI	0 / 0	0 / 0	0 / 12	0 / 0	0 / 10	0 / 1	0 / 14	37 / 0	37 / 37
DSER - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	1 / 0	1 / 1
DSER - COL	0 / 0	0 / 0	0 / 1	0 / 0	0 / 1	0 / 0	0 / 5	11 / 4	11 / 11
DSER - OI50	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	0 / 1	0 / 0	2 / 0	2 / 2
RAI - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	0 / 1	1 / 0	1 / 0	2 / 2
RAI -Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Meeting - OI	0 / 0	0 / 0	0 / 4	0 / 0	0 / 12	0 / 1	0 / 1	23 / 5	23 / 23
Teleconference - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Total:	0 / 0	0 / 0	0 / 17	0 / 0	0 / 25	0 / 4	1 / 21	75 / 9	76 / 76



**AP600 Open Item Tracking System  
Project Status Report**

Selection: Chapter Like 12.\*

Status as of : [ 10/14/9 ]

Open Item Type	Resolution Status (W / NRC)								
	Inactive	Progress	Active	Proposed	Action W	Action N	Resolved	Closed	Total
DSER - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	0 / 0	0 / 12	13 / 0	13 / 13
DSER - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	1 / 0	1 / 1
DSER - COL	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 7	7 / 0	7 / 7
DSER - OI50	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
RAI - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	0 / 0	0 / 4	5 / 0	5 / 5
RAI - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Meeting - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Teleconference - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Total:	0 / 0	0 / 0	0 / 0	0 / 0	0 / 2	0 / 0	0 / 24	26 / 0	26 / 26

**AP600 Open Item Tracking System  
Project Status Report**

Selection: Chapter Like 13.\*

Status as of : [ 10/14/9 ]

Open Item Type	Resolution Status (W / NRC)								Total
	Inactive	Progress	Active	Proposed	Action W	Action N	Resolved	Closed	
DSER - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 11	0 / 1	1 / 4	17 / 2	18 / 18
DSER - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
DSER - COL	0 / 0	0 / 0	0 / 0	0 / 0	0 / 3	0 / 13	0 / 1	17 / 0	17 / 17
DSER - OI50	0 / 0	0 / 0	0 / 0	0 / 0	1 / 2	0 / 0	0 / 0	1 / 0	2 / 2
RAI - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
RAI -Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Meeting - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 2	0 / 3	2 / 0	6 / 3	8 / 8
Teleconference - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Total:	0 / 0	0 / 0	0 / 0	0 / 0	1 / 18	0 / 17	3 / 5	41 / 5	45 / 45

**AP600 Open Item Tracking System  
Project Status Report**

Selection: Chapter Like 14.\*

Status as of : [ 10/14/9 ]

Open Item Type	Resolution Status (W / NRC)								
	Inactive	Progress	Active	Proposed	Action W	Action N	Resolved	Closed	Total
DSER - OI	0 / 0	0 / 0	0 / 0	0 / 0	1 / 1	0 / 25	0 / 0	25 / 0	26 / 26
DSER - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 2	0 / 0	2 / 0	2 / 2
DSER - COL	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 6	0 / 0	6 / 0	6 / 6
DSER - OI50	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	0 / 0	1 / 0	1 / 1
RAI - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 40	0 / 0	40 / 0	40 / 40
RAI -Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Meeting - OI	0 / 0	0 / 0	0 / 0	0 / 0	1 / 1	0 / 0	0 / 0	0 / 0	1 / 1
Teleconference - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Total:	0 / 0	0 / 0	0 / 0	0 / 0	2 / 2	0 / 74	0 / 0	74 / 0	76 / 76

**AP600 Open Item Tracking System  
Project Status Report**

Selection: Chapter Like 15.\*

Status as of : [ 10/14/9 ]

Open Item Type	Resolution Status (W / NRC)								Total
	Inactive	Progress	Active	Proposed	Action W	Action N	Resolved	Closed	
DSER - OI	0 / 0	0 / 0	0 / 0	0 / 0	5 / 5	0 / 5	0 / 8	13 / 0	18 / 18
DSER - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
DSER - COL	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	1 / 0	1 / 1
DSER - OI50	0 / 0	0 / 0	0 / 0	0 / 0	1 / 0	0 / 2	0 / 0	1 / 0	2 / 2
RAI - OI	0 / 0	0 / 0	0 / 0	0 / 0	34 / 44	0 / 148	0 / 0	158 / 0	192 / 192
RAI -Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Meeting - OI	0 / 0	0 / 0	0 / 0	0 / 0	10 / 27	0 / 13	3 / 17	53 / 9	66 / 66
Teleconference - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Total:	0 / 0	0 / 0	0 / 0	0 / 0	50 / 76	0 / 168	3 / 26	226 / 9	279 / 279

**A2600 Open Item Tracking System  
Project Status Report**

Selection: Chapter Like 16.\*

Status as of : [ 10/14/9 ]

Open Item Type	Resolution Status (W / NRC)								Total
	Inactive	Progress	Active	Proposed	Action W	Action N	Resolved	Closed	
DSER - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 8	0 / 0	1 / 7	20 / 6	21 / 21
DSER - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
DSER - COL	0 / 0	0 / 0	0 / 0	0 / 0	0 / 2	0 / 0	0 / 0	2 / 0	2 / 2
DSER - OI50	0 / 0	0 / 0	0 / 1	0 / 0	0 / 2	0 / 0	0 / 0	3 / 0	3 / 3
RAI - OI	0 / 0	0 / 0	0 / 1	0 / 0	0 / 0	0 / 0	0 / 0	1 / 0	1 / 1
RAI - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Meeting - OI	0 / 0	0 / 0	0 / 2	0 / 0	1 / 30	0 / 2	0 / 0	34 / 1	35 / 35
Teleconference - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Total:	0 / 0	0 / 0	0 / 4	0 / 0	1 / 42	0 / 2	1 / 7	60 / 7	62 / 62

**AP600 Open Item Tracking System  
Project Status Report**

Selection: Chapter Like 17.\*

Status as of : [ 10/14/9 ]

Open Item Type	Resolution Status (W / NRC)								
	Inactive	Progress	Active	Proposed	Action W	Action N	Resolved	Closed	Total
DSER - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 2	0 / 1	0 / 0	3 / 0	3 / 3
DSER - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
DSER - COL	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	0 / 0	1 / 0	1 / 1
DSER - OI50	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
RAI - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	0 / 1	0 / 0	2 / 0	2 / 2
RAI - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Meeting - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Teleconference - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Total:	0 / 0	0 / 0	0 / 0	0 / 0	0 / 3	0 / 3	0 / 0	6 / 0	6 / 6



# AP600 Open Item Tracking System Project Status Report

Selection: Chapter Like 18.\*

Status as of : [ 10/14/9 ]

Open Item Type	Resolution Status (W / NRC)								
	Inactive	Progress	Active	Proposed	Action W	Action N	Resolved	Closed	Total
DSER - OI	0 / 0	0 / 0	0 / 0	0 / 0	9 / 34	0 / 11	37 / 52	51 / 0	97 / 97
DSER - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
DSER - COL	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
DSER - OI50	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	0 / 1	2 / 0	1 / 1	3 / 3
RAI - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
RAI -Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Meeting - OI	0 / 0	0 / 0	0 / 0	0 / 0	1 / 2	1 / 3	3 / 3	4 / 1	9 / 9
Teleconference - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Total:	0 / 0	0 / 0	0 / 0	0 / 0	10 / 37	1 / 15	42 / 55	56 / 2	109 / 109

**AP600 Open Item Tracking System  
Project Status Report**

Selection: Chapter Like 19.\*

Status as of : [ 10/14/9 ]

Open Item Type	Resolution Status (W / NRC)								Total
	Inactive	Progress	Active	Proposed	Action W	Action N	Resolved	Closed	
DSER - OI	0 / 0	0 / 0	3 / 3	0 / 0	22 / 43	2 / 22	0 / 22	64 / 1	91 / 91
DSER - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
DSER - COL	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	0 / 2	0 / 0	3 / 0	3 / 3
DSER - OI50	0 / 0	0 / 0	0 / 2	0 / 0	0 / 6	0 / 4	1 / 0	11 / 0	12 / 12
RAI - OI	0 / 0	0 / 0	0 / 0	0 / 0	98 / 259	0 / 0	0 / 15	184 / 8	282 / 282
RAI - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Meeting - OI	0 / 0	0 / 0	0 / 0	0 / 9	27 / 57	1 / 10	0 / 5	54 / 1	82 / 82
Teleconference - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Total:	0 / 0	0 / 0	3 / 5	0 / 9	147 / 366	3 / 38	1 / 42	316 / 10	470 / 470

# AP600 Open Item Tracking System

## Project Status Report

Selection: Chapter Like 20.\*

Status as of : [ 10/14/9 ]

Open Item Type	Resolution Status (W / NRC)								
	Inactive	Progress	Active	Proposed	Action W	Action N	Resolved	Closed	Total
DSER - OI	0 / 0	0 / 0	0 / 1	0 / 0	1 / 91	0 / 8	0 / 4	124 / 21	125 / 125
DSER - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	0 / 0	0 / 0	1 / 0	1 / 1
DSER - COL	0 / 0	0 / 0	0 / 0	0 / 0	0 / 16	0 / 2	0 / 1	20 / 1	20 / 20
DSER - OI50	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
RAI - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
RAI -Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Meeting - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	1 / 0	1 / 1
Teleconference - OI	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Total:	0 / 0	0 / 0	0 / 1	0 / 0	1 / 108	0 / 10	0 / 6	146 / 22	147 / 147

**AP600 Open Item Tracking System  
Project Status Report**

Selection: Chapter Like 21.\*

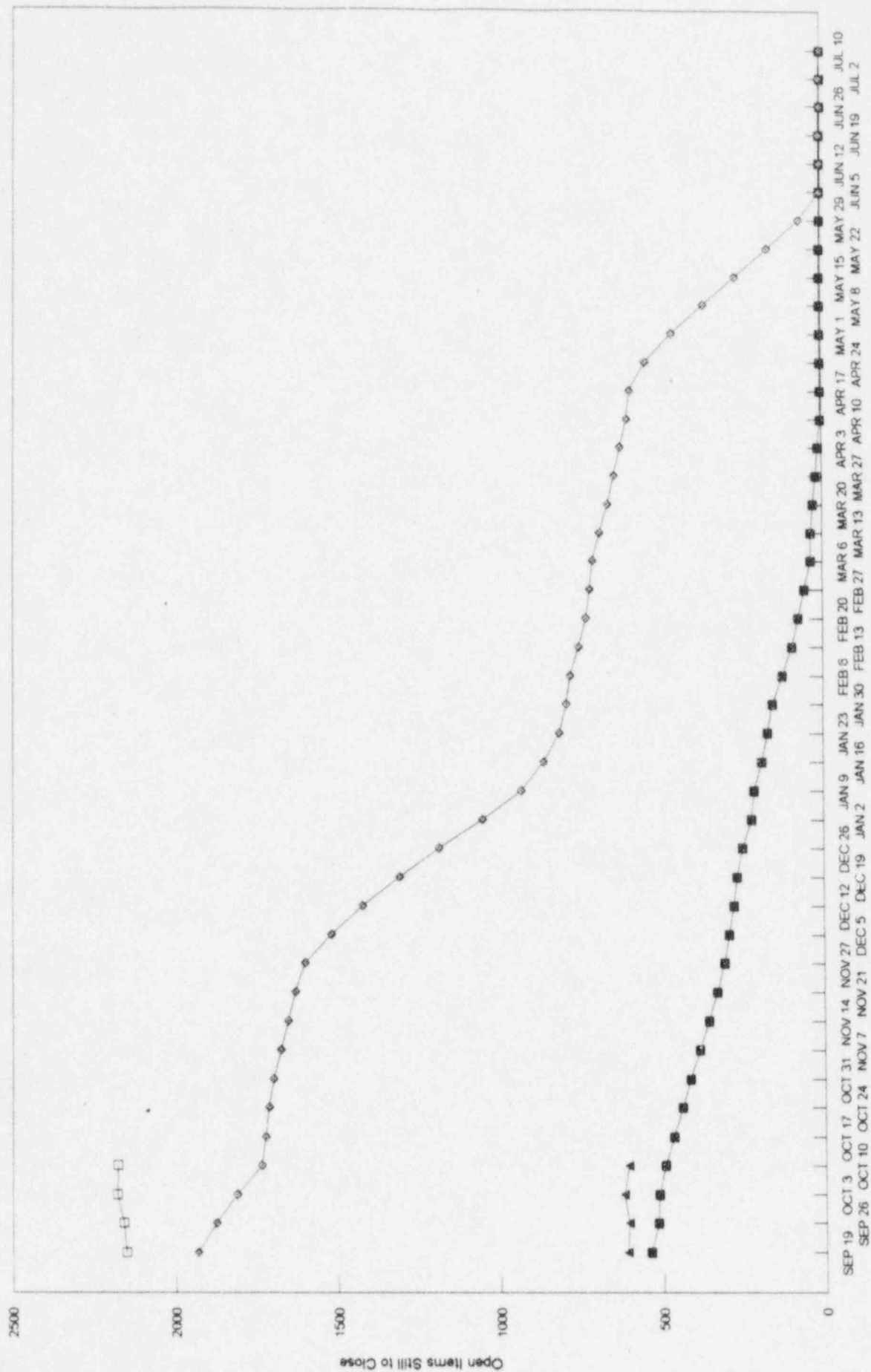
Status as of : [ 10/14/9 ]

Open Item Type	Resolution Status (W / NRC)								
	Inactive	Progress	Active	Proposed	Action W	Action N	Resolved	Closed	Total
DSER - OI	0 / 0	0 / 0	1 / 1	0 / 0	74 / 108	0 / 9	0 / 2	59 / 14	134 / 134
DSER - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	3 / 16	0 / 0	0 / 0	13 / 0	16 / 16
DSER - COL	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
DSER - OI50	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	0 / 0	0 / 0	1 / 0	1 / 1
RAI - OI	0 / 0	0 / 0	0 / 0	0 / 0	42 / 104	0 / 145	0 / 1	218 / 10	260 / 260
RAI - Confirmatory	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Meeting - OI	0 / 0	0 / 0	0 / 0	0 / 0	9 / 19	0 / 29	0 / 0	43 / 4	52 / 52
Teleconference - OI	0 / 0	0 / 0	0 / 0	0 / 0	2 / 2	0 / 0	0 / 0	1 / 1	3 / 3
Total:	0 / 0	0 / 0	1 / 1	0 / 0	130 / 250	0 / 183	0 / 3	335 / 29	466 / 466

ATTACHMENT 3  
TO  
NSD-NRC-96-4844

# Open Item Work Off Goals

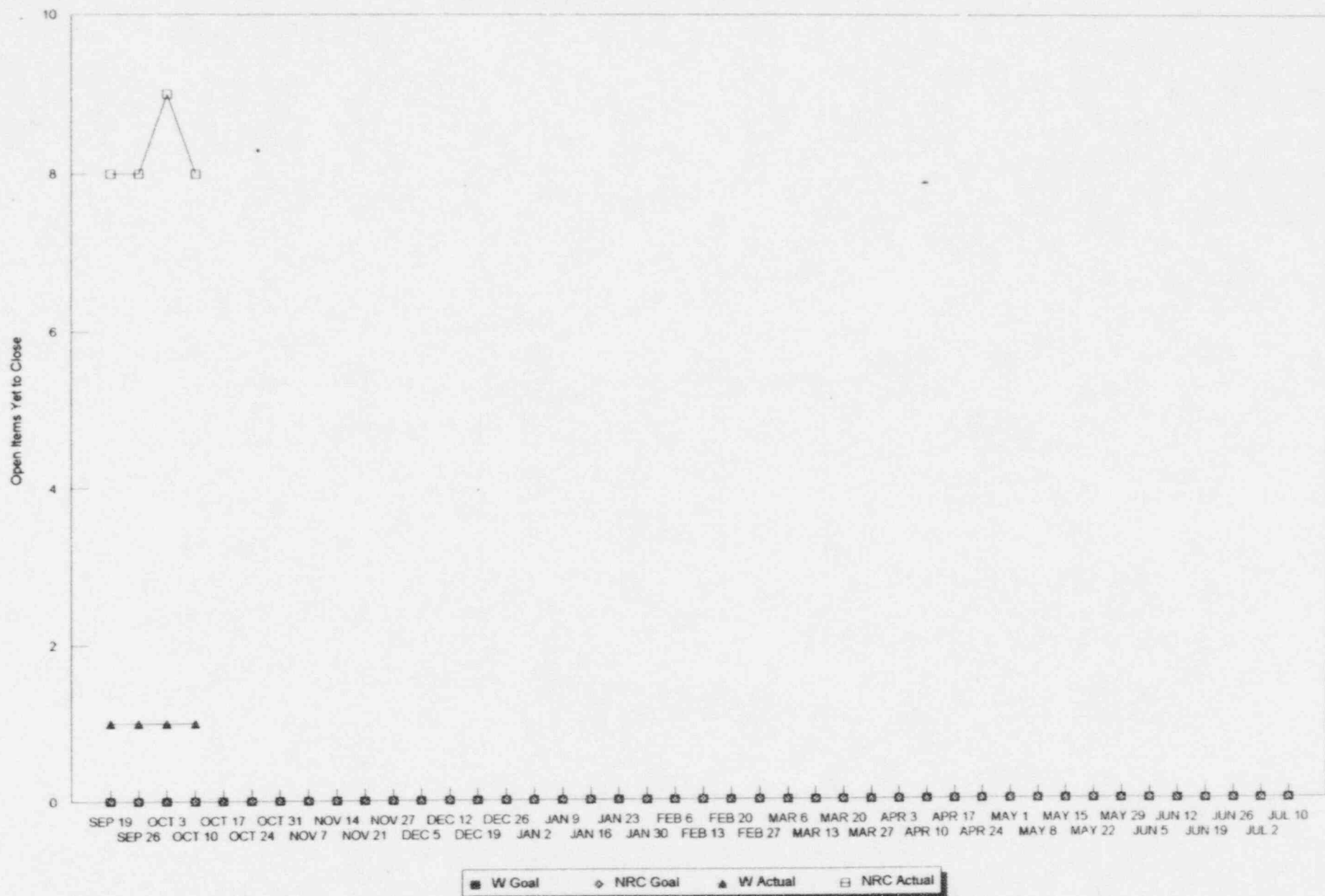
10/10/96



■ W to Close Actual    ◆ NRC to Resolve Actual    □ W to Close Goal    ▲ NRC to Resolve Goal

# Open Item Workoff for Chapter 1

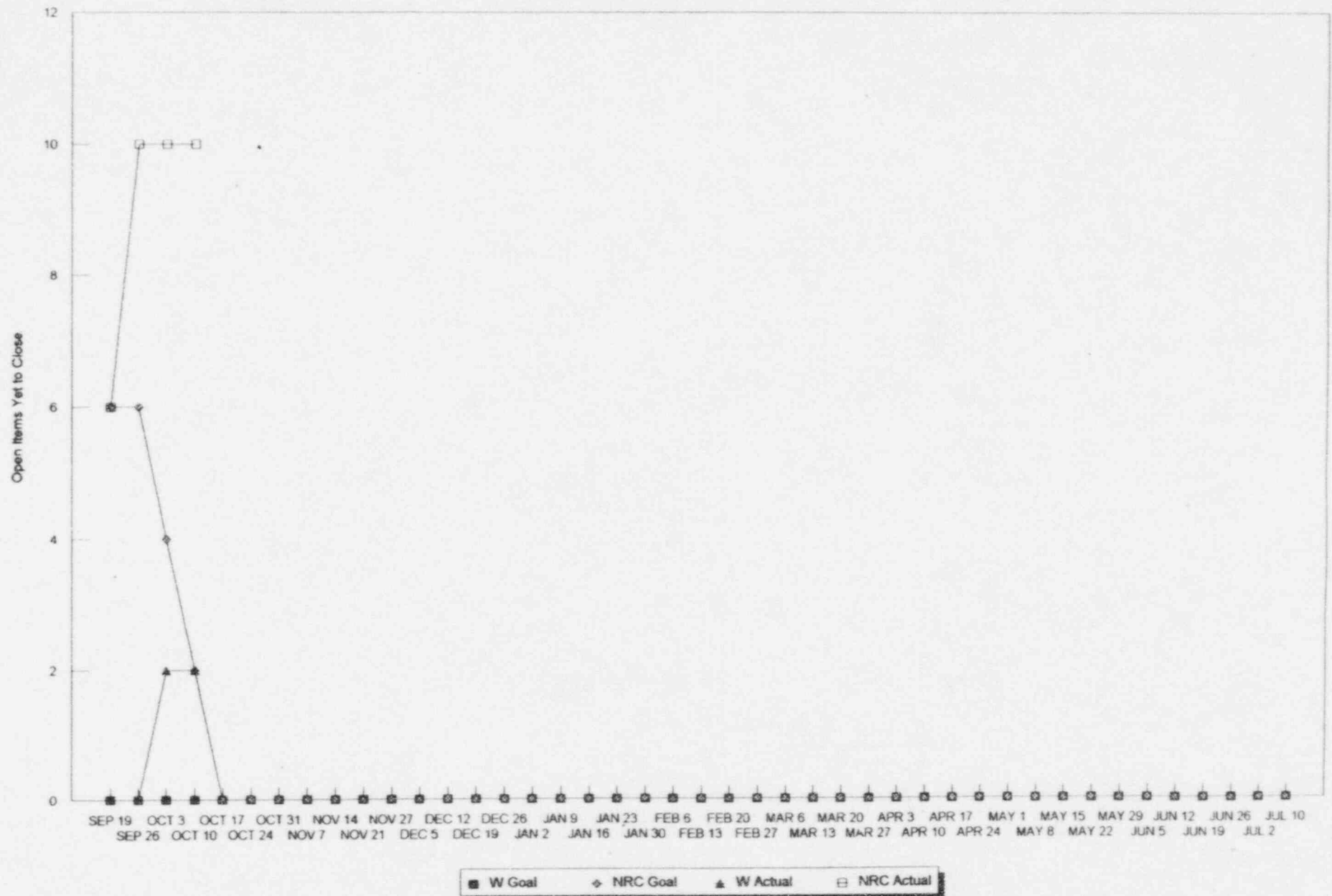
10/10/96





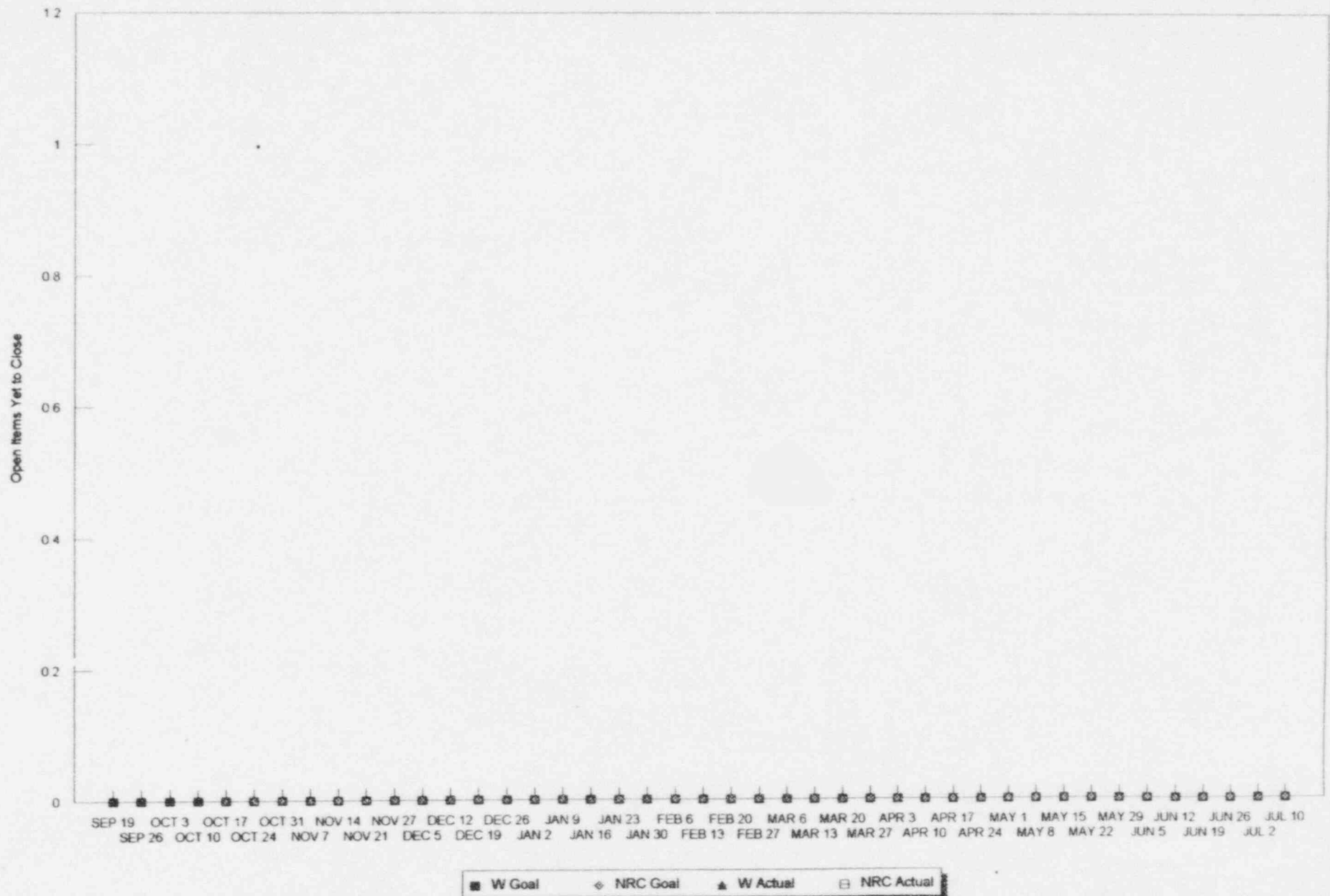
# Open Item Workoff for Chapter 2

10/10/96



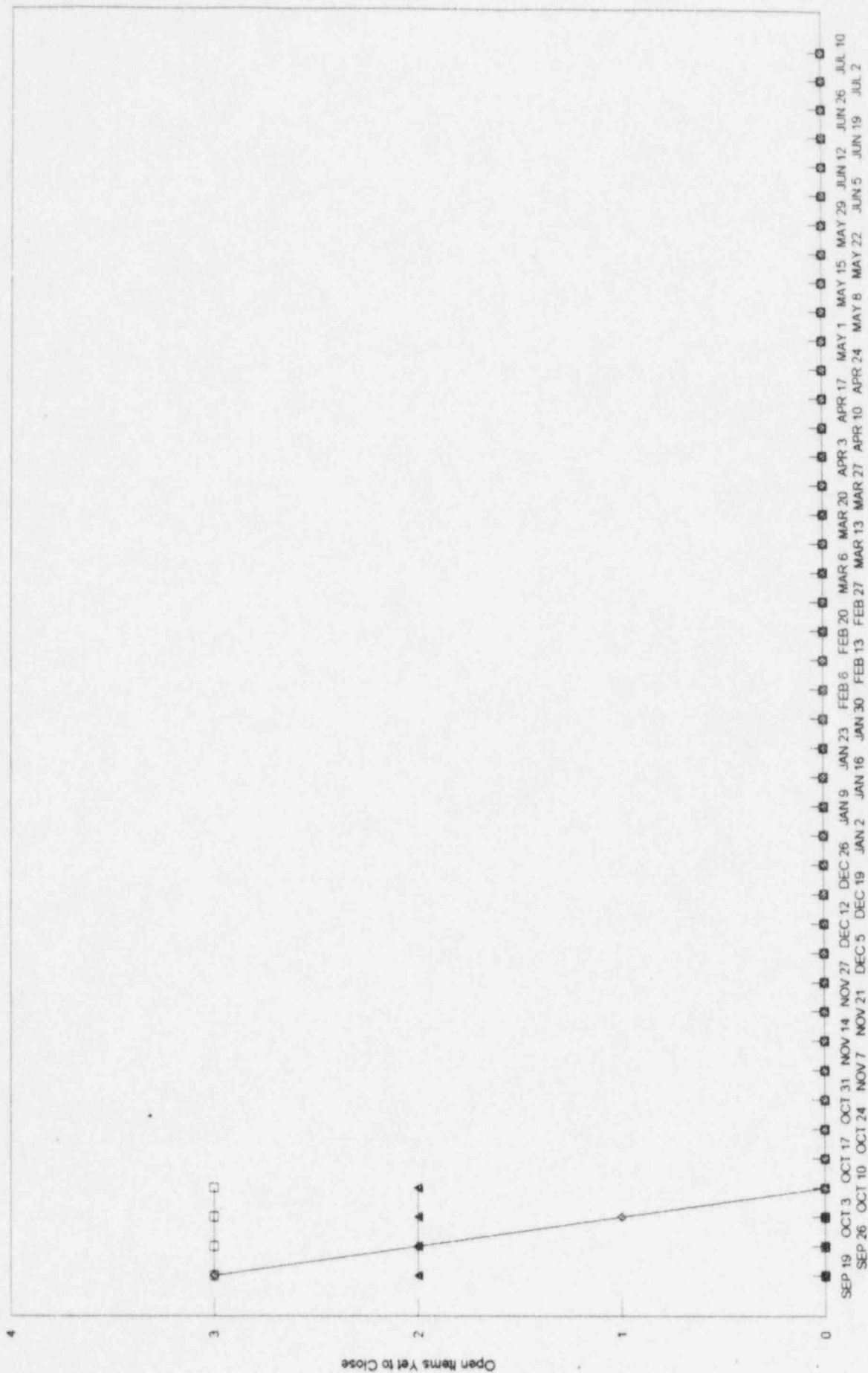
# Open Item Workoff for Section 3.1

10/10/96



# Open Item Workoff for Section 3.2

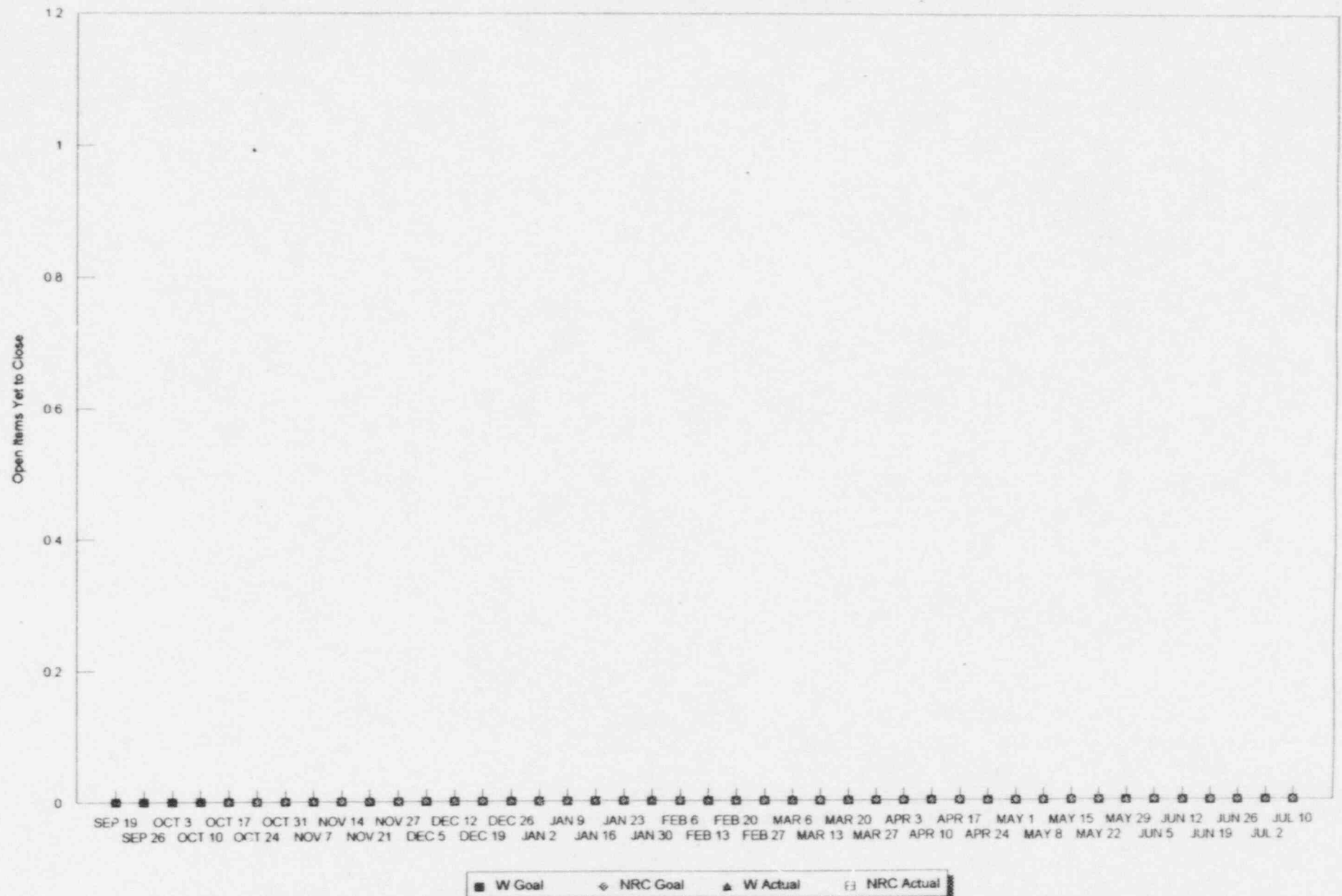
10/10/96



W Goal NRC Goal W Actual NRC Actual

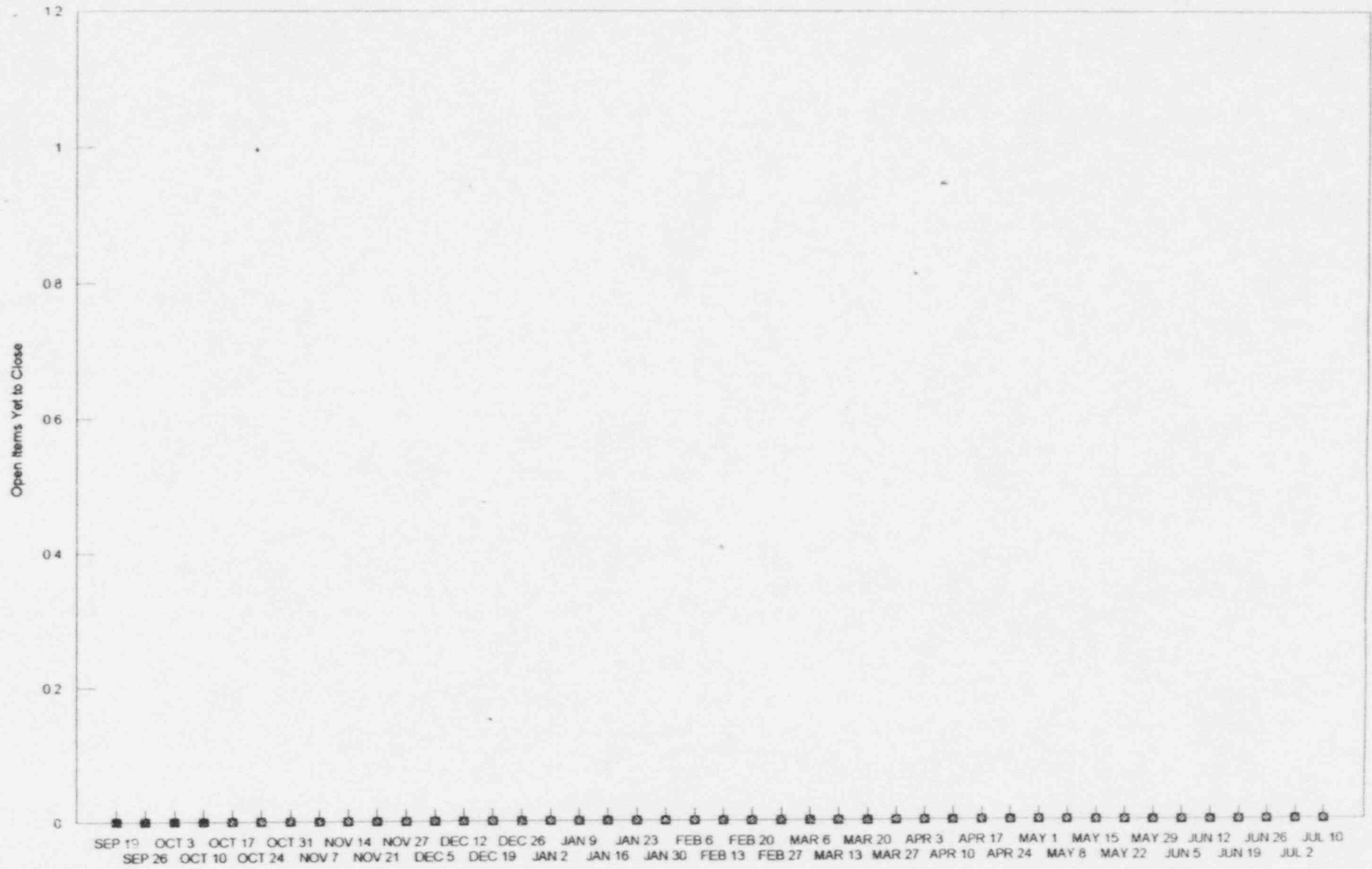
# Open Item Workoff for Section 3.3

10/10/96



# Open Item Workoff for Section 3.4

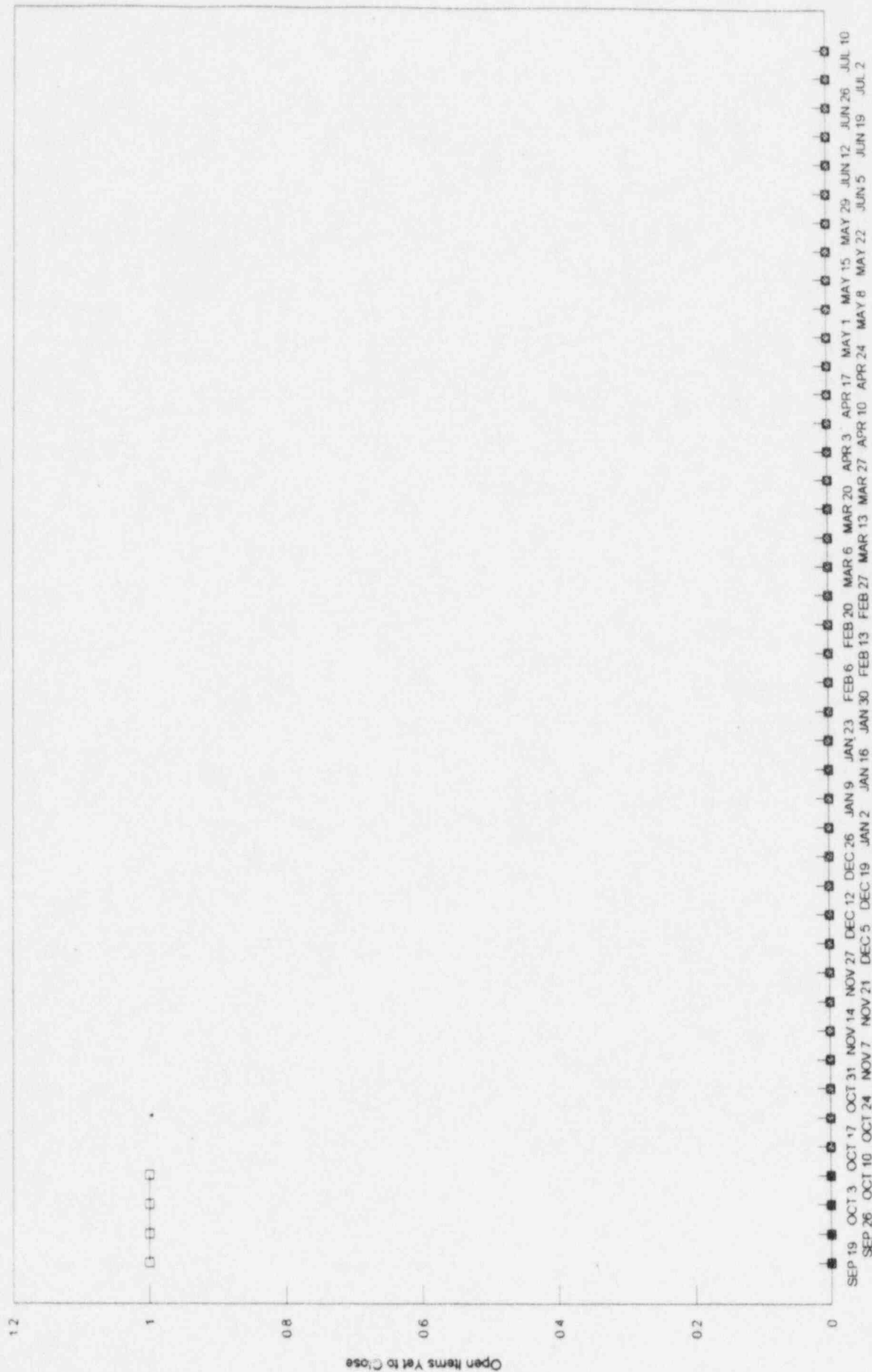
10/10/96



■ W Goal    ◇ NRC Goal    ▲ W Actual    □ NRC Actual

# Open Item Workoff for Section 3.5

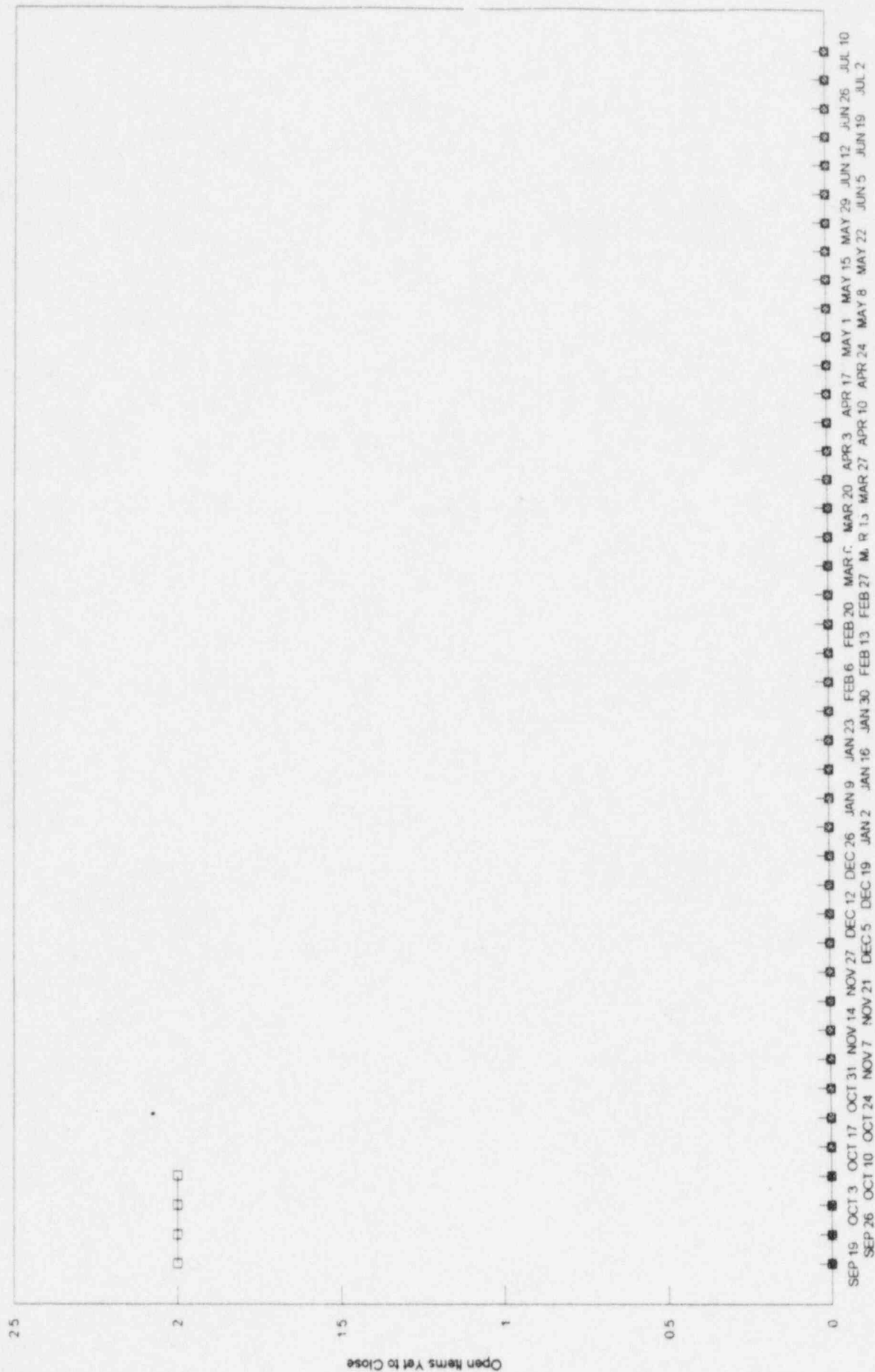
10/10/96



W Goal    NRC Goal    W Actual    NRC Actual

# Open Item Workoff for Section 3.6.1

10/10/96

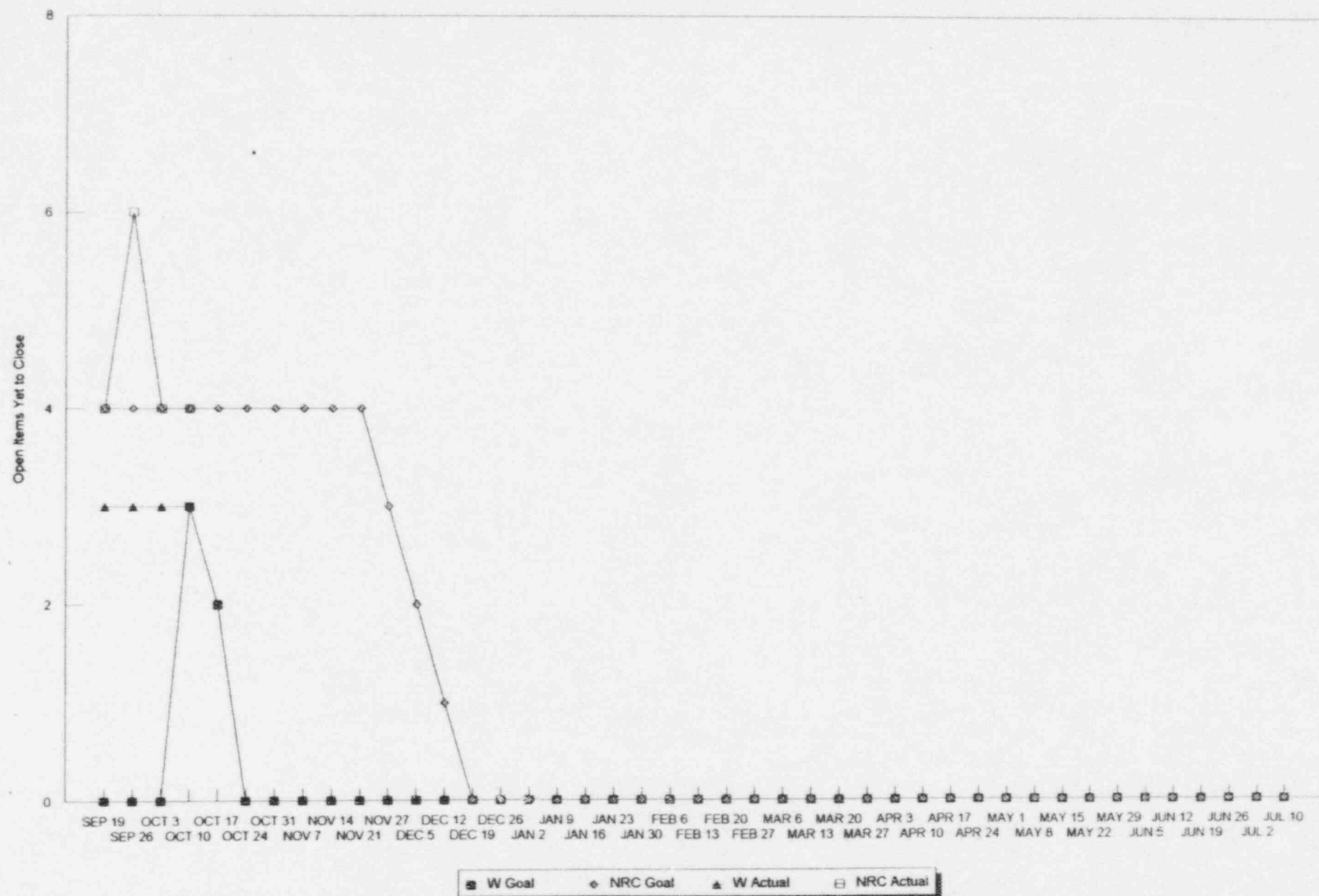


W Goal NRC Goal W Actual NRC Actual



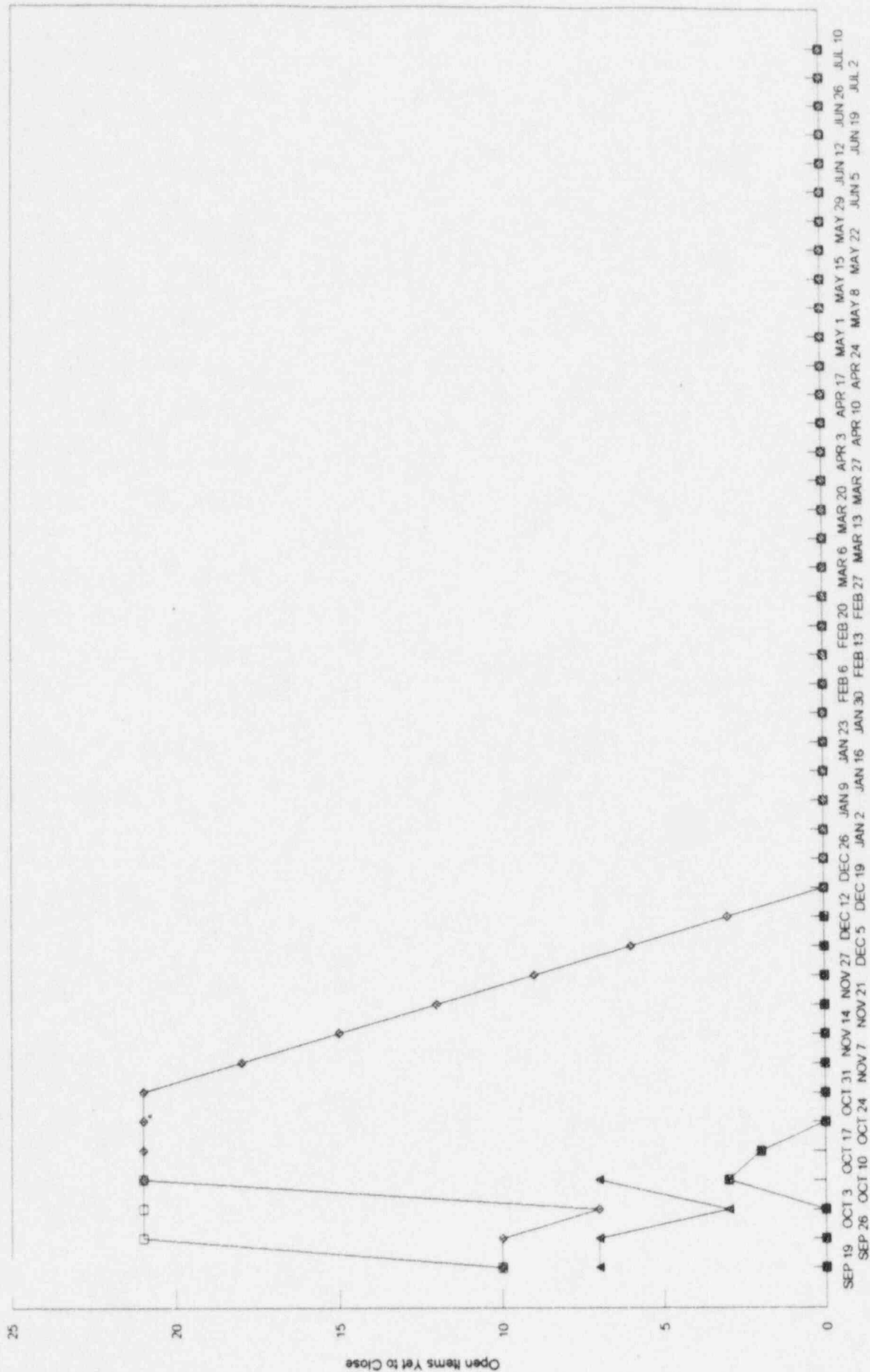
# Open Item Workoff for Section 3.6.2

10/10/96



# Open Item Workoff for Section 3.6.3

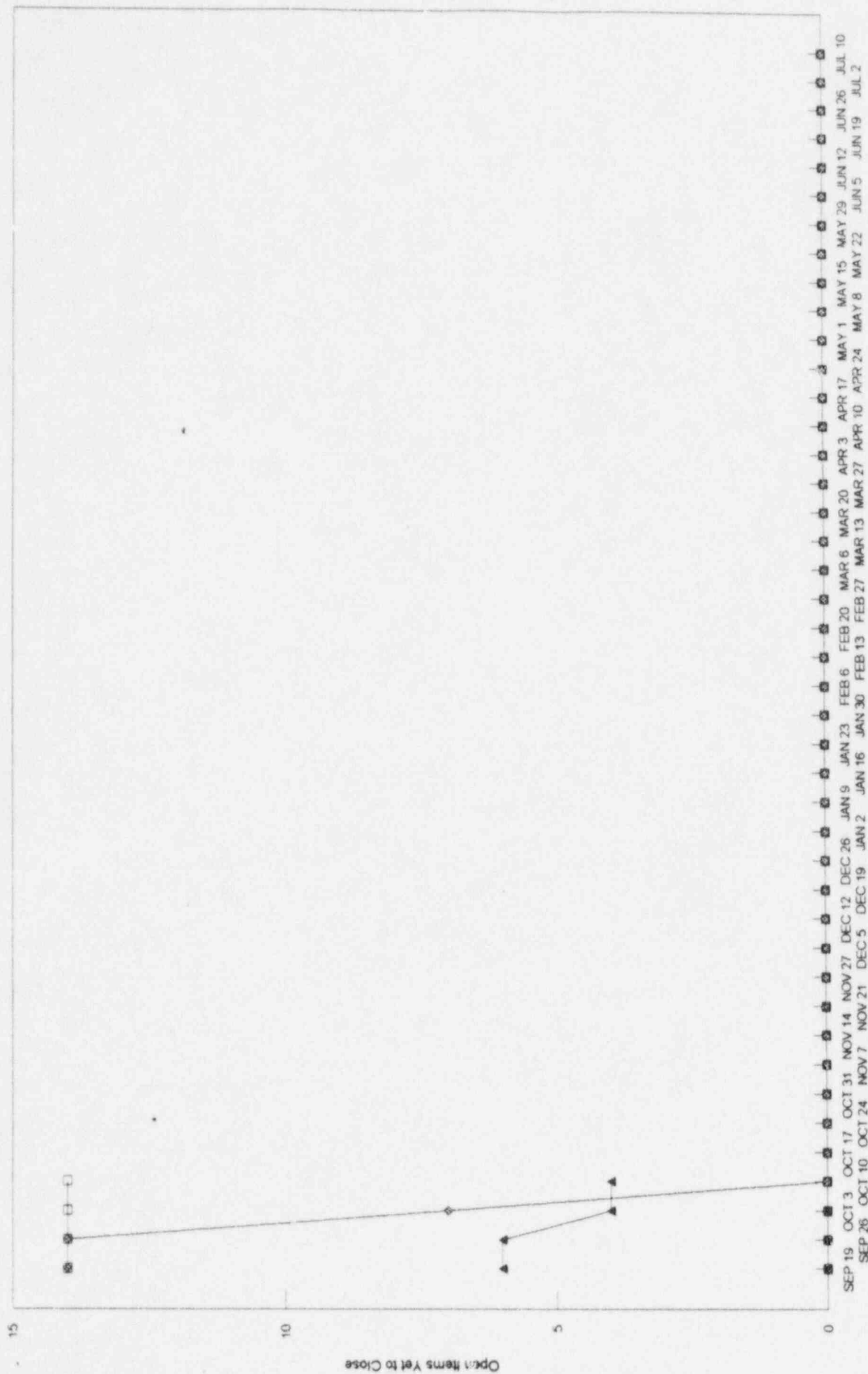
10/10/96



W Goal NRC Goal W Actual NRC Actual

# Open Item Workoff for Section 3.7

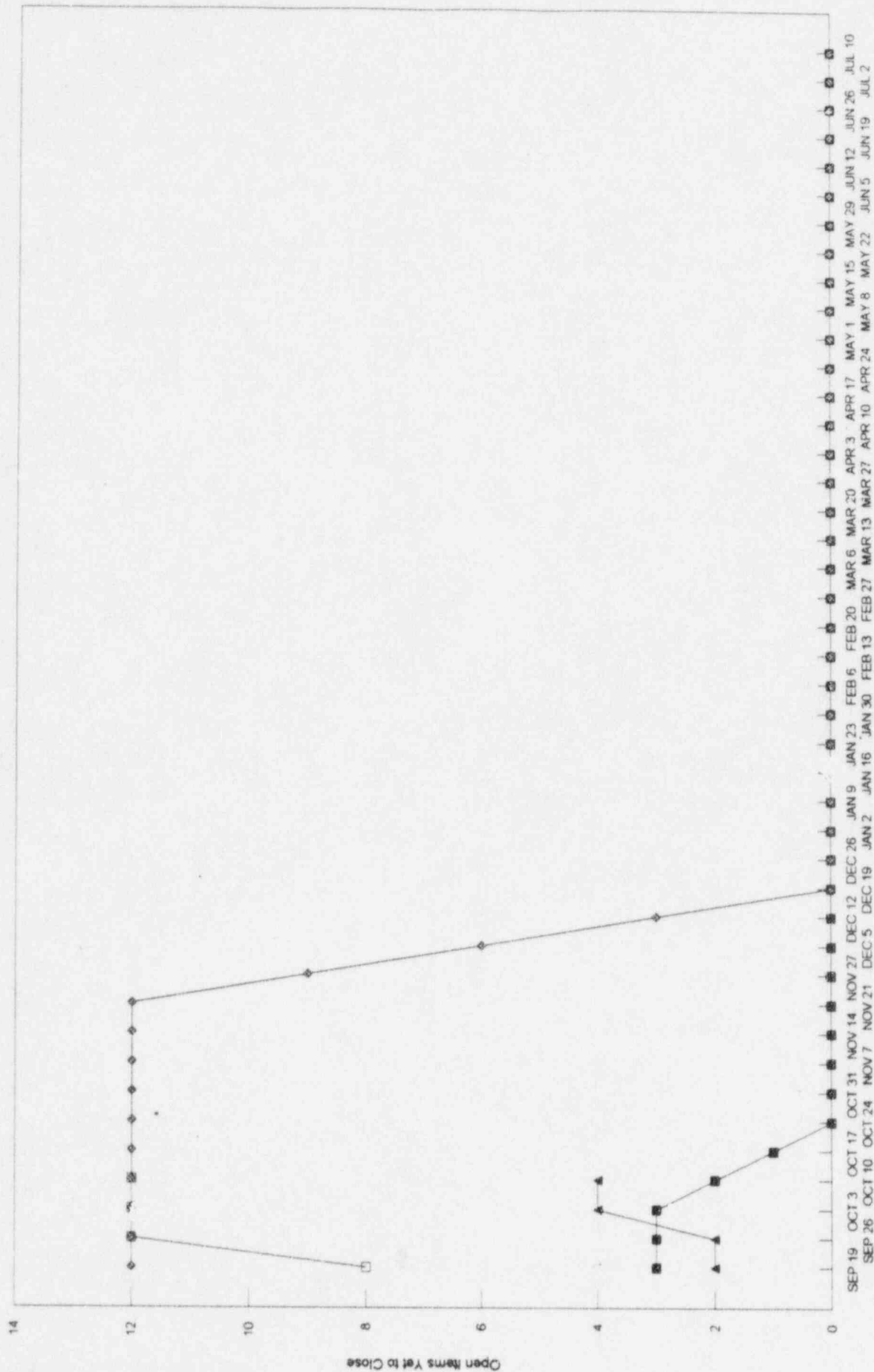
10/10/96



W Goal NRC Goal W Actual NRC Actual

# Open Item Workoff for Section 3.8.2

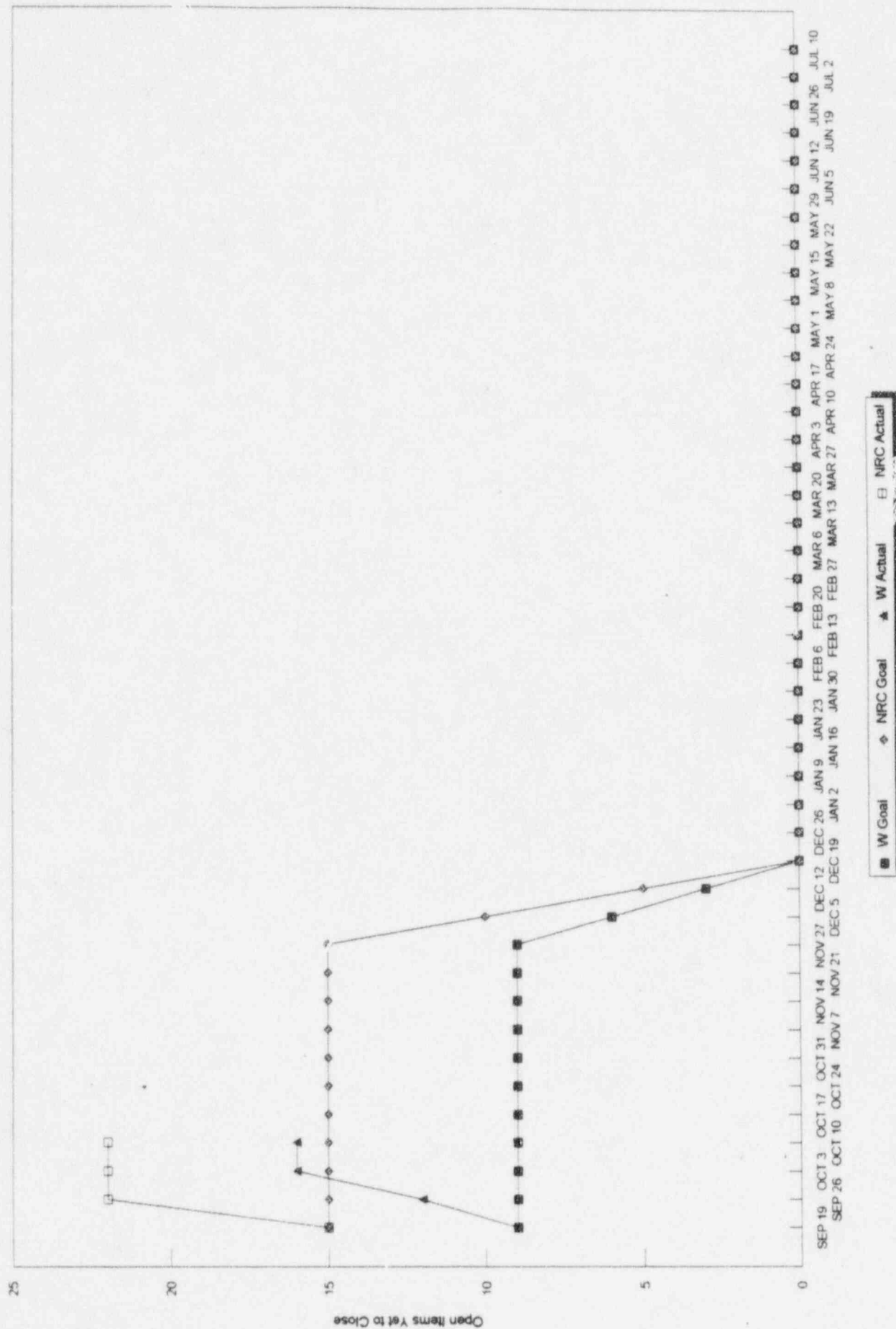
10/10/96



■ W Goal    ◆ NRC Goal    ▲ W Actual    □ NRC Actual

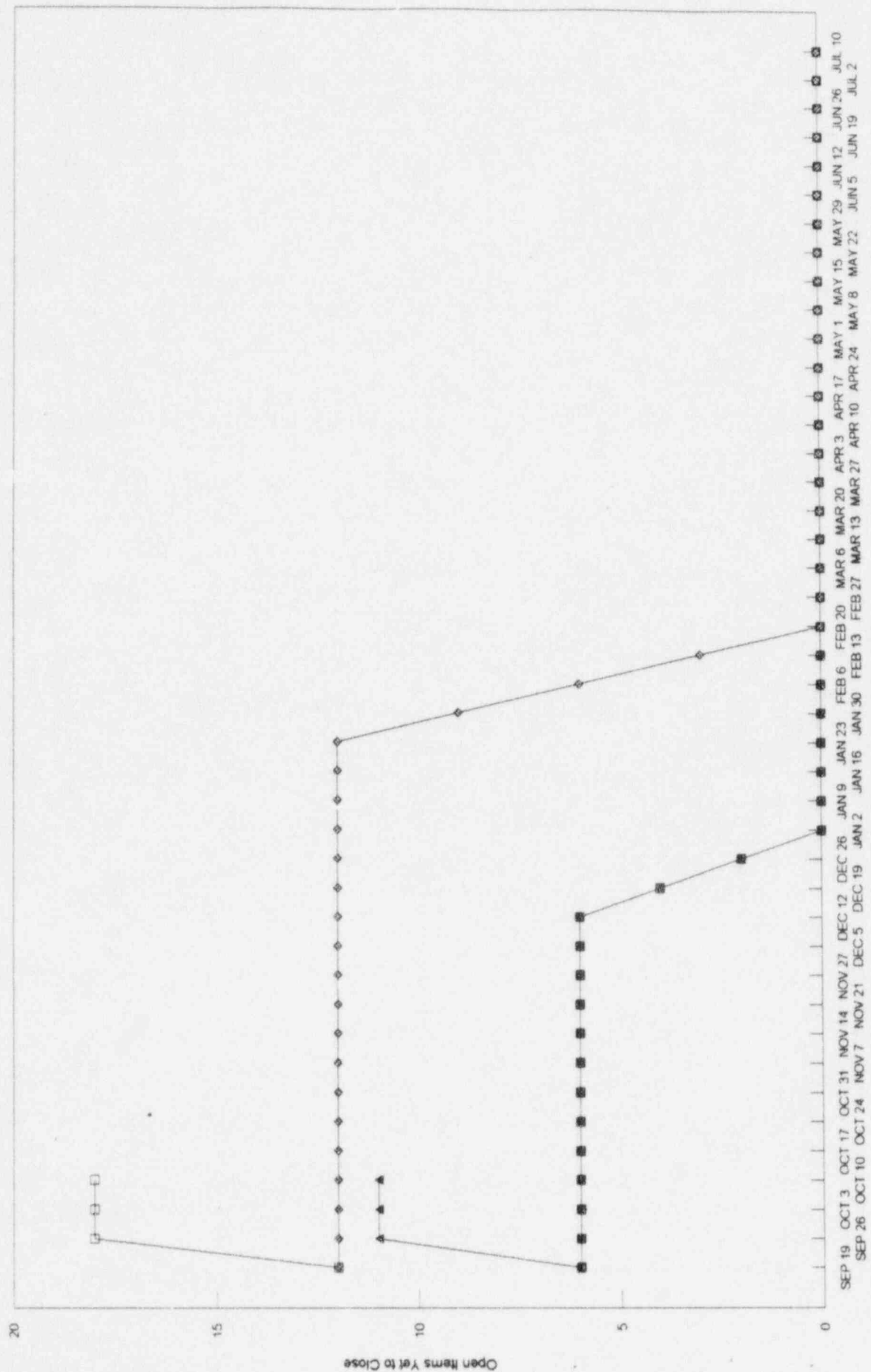
# Open Item Workoff for Section 3.8.3

10/10/96



# Open Item Workoff for Section 3.8.4

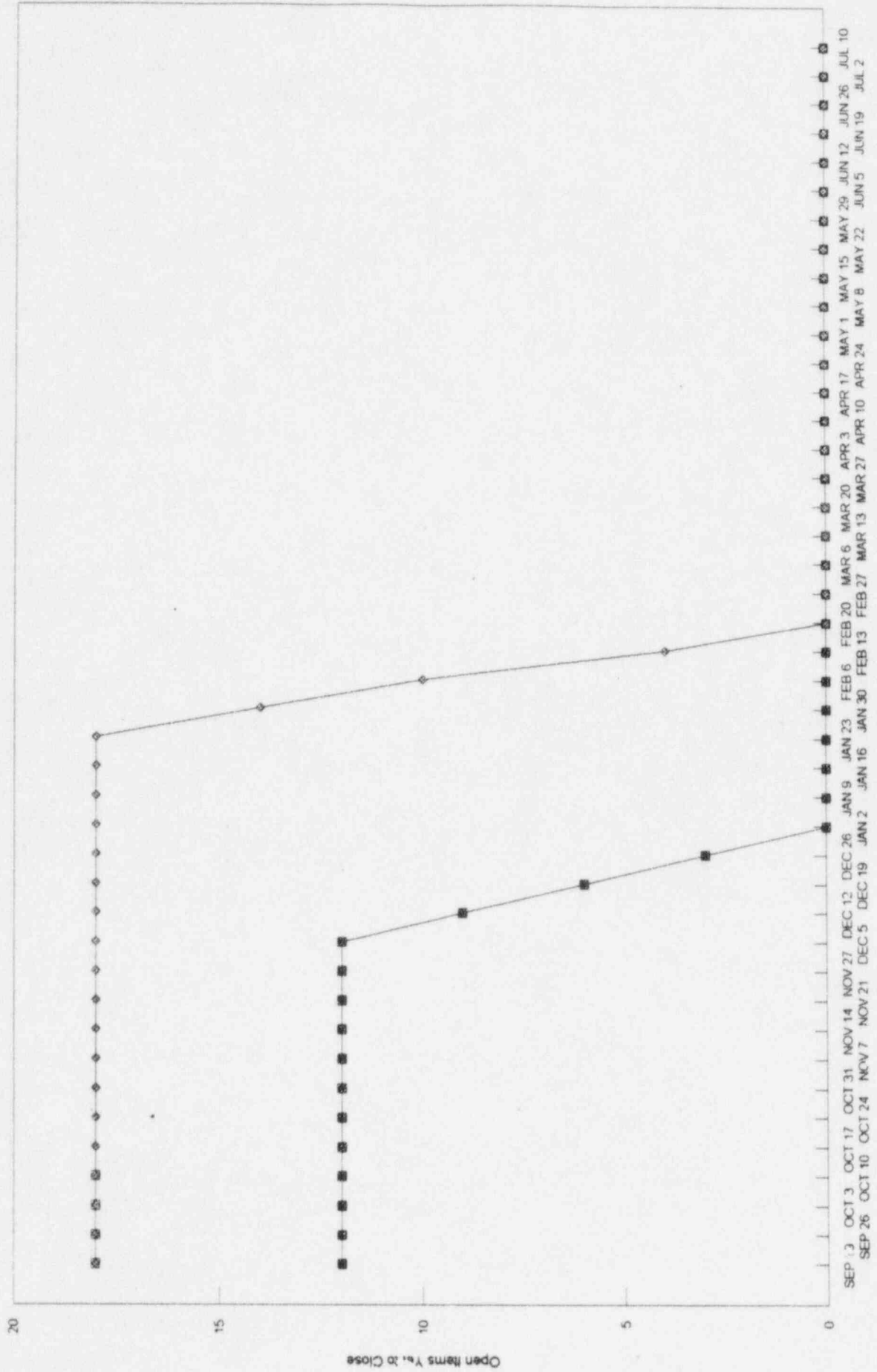
10/10/96



W Goal    NRC Goal    W Actual    NRC Actual

# Open Item Workoff for Section 3.8.5

10/10/96

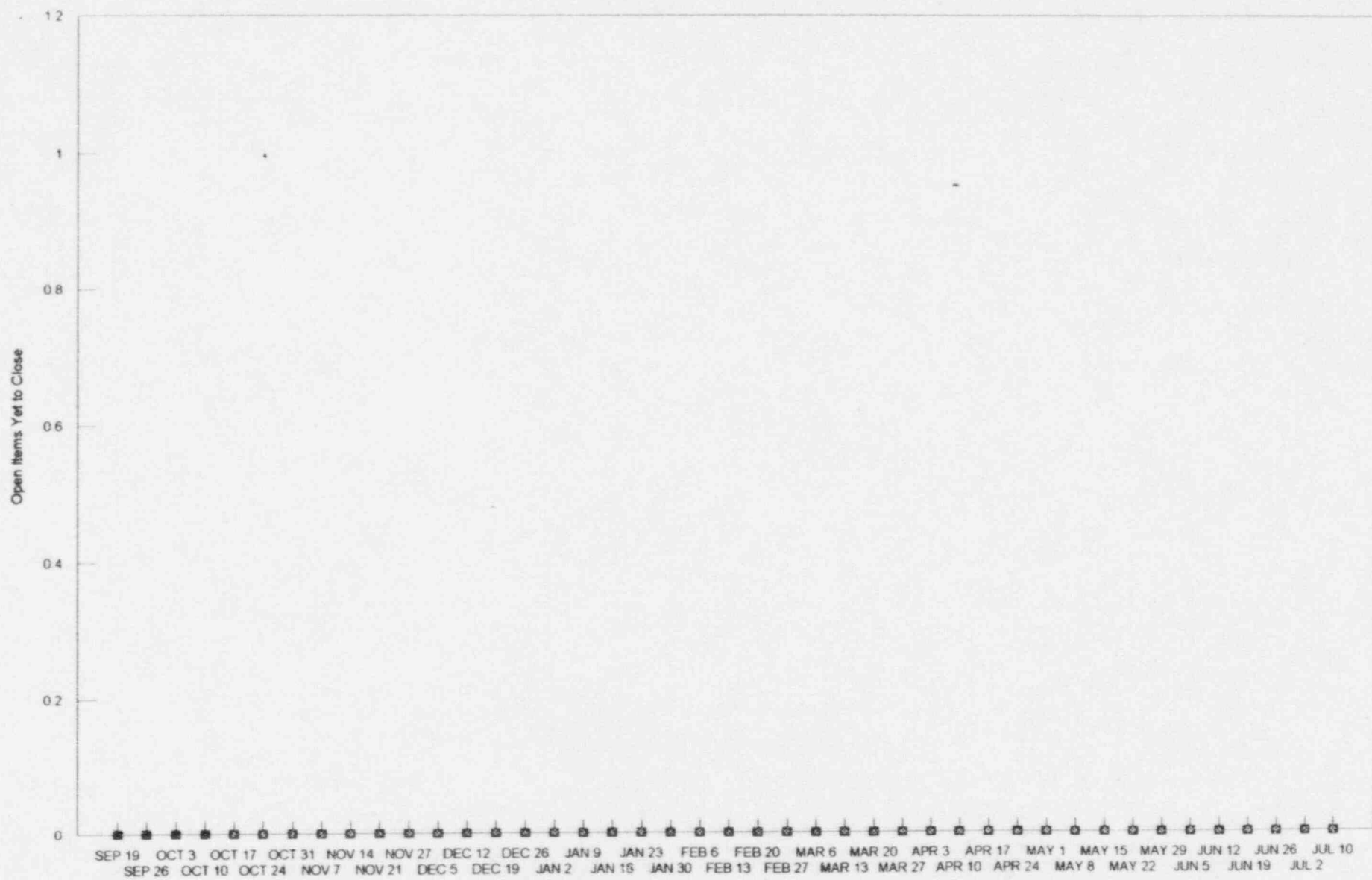


W Goal    NRC Goal    W Actual    NRC Actual



# Open Item Workoff for 3A & 3F

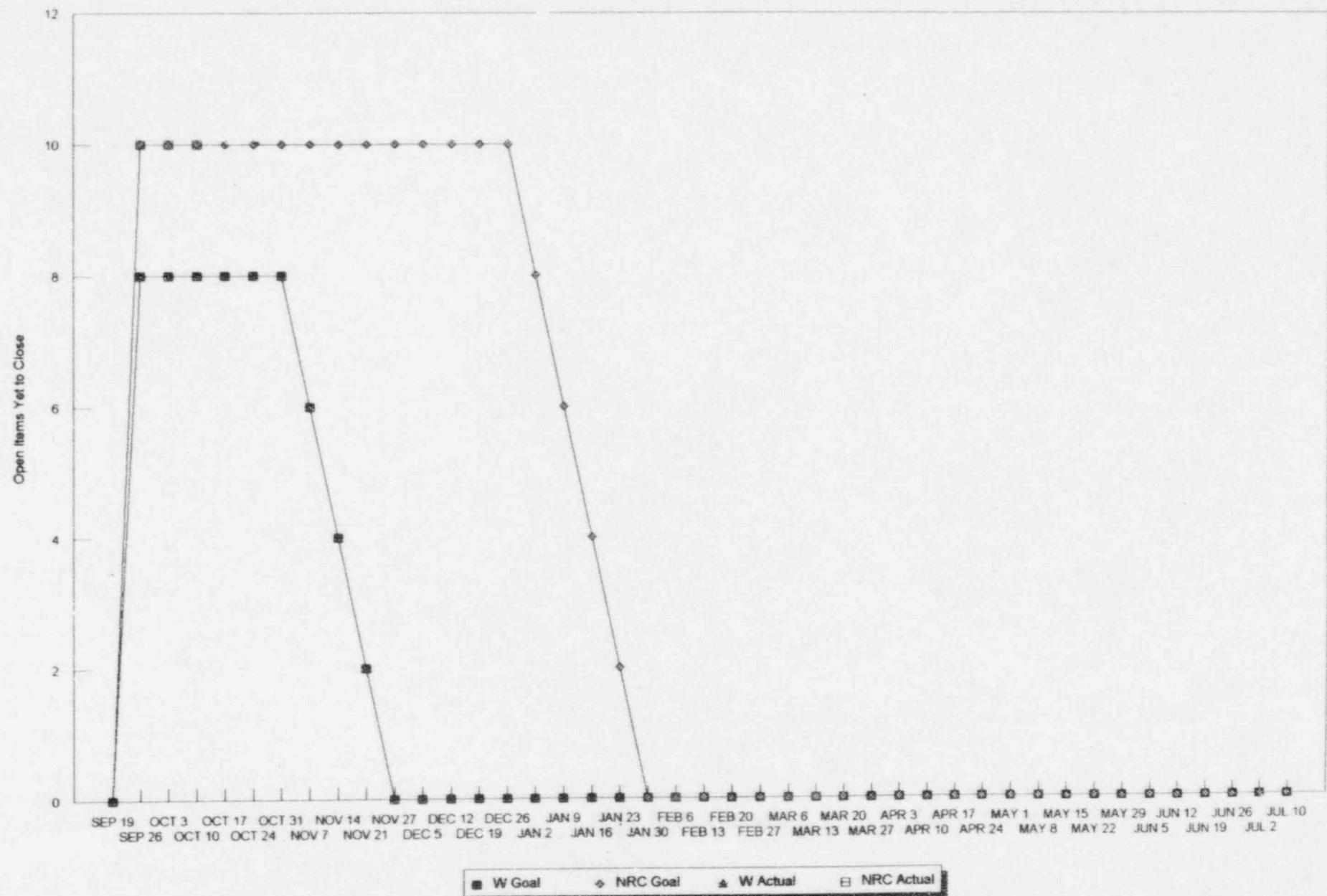
10/10/96



■ W Goal    ◆ NRC Goal    ▲ W Actual    □ NRC Actual

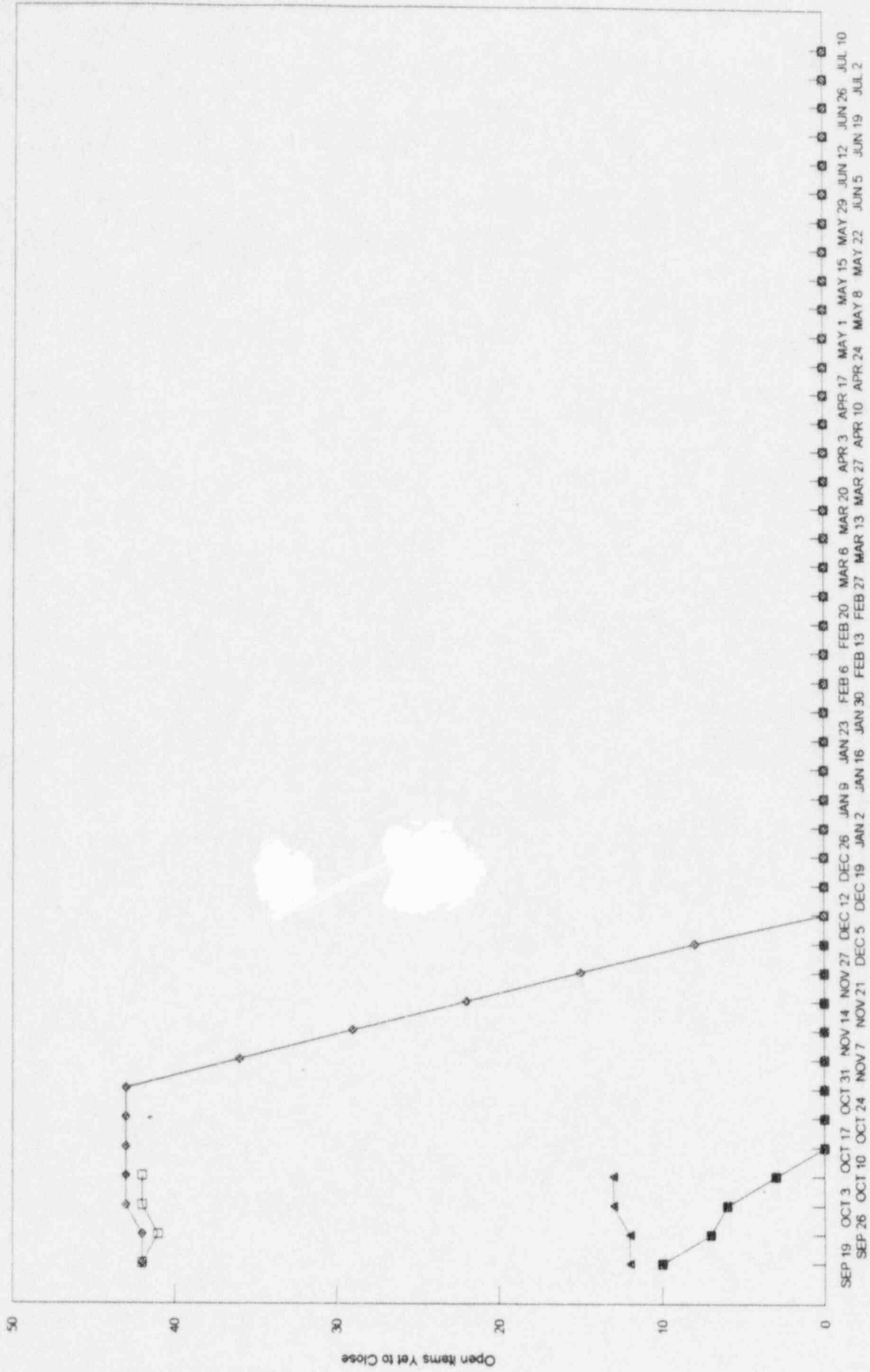
# Open Item Workoff for PRA Chapter 42

10/10/96



# Open Item Workoff for Section 3.9

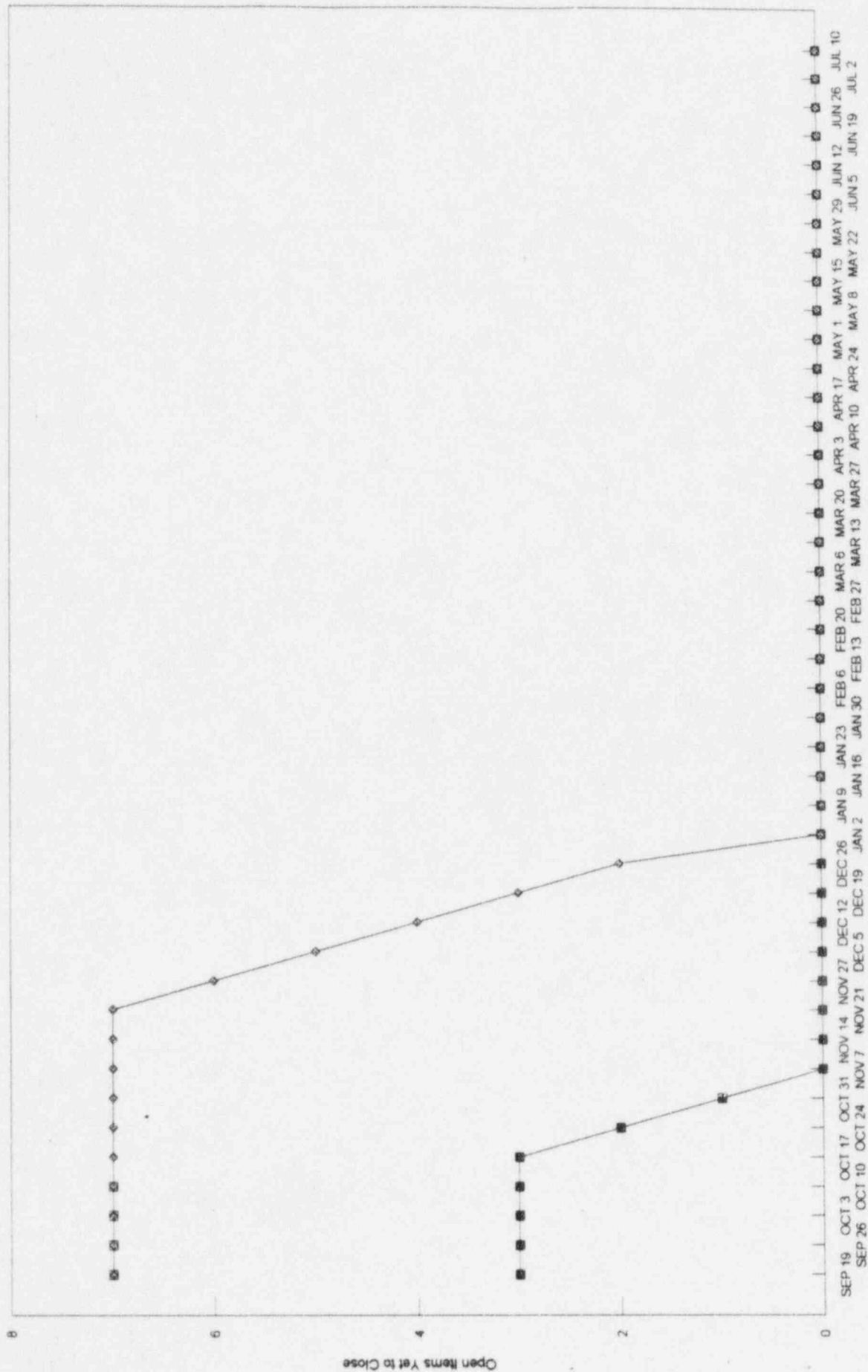
10/10/96



W Goal    NRC Goal    W Actual    NRC Actual

# Open Item Workoff for Section 3.10

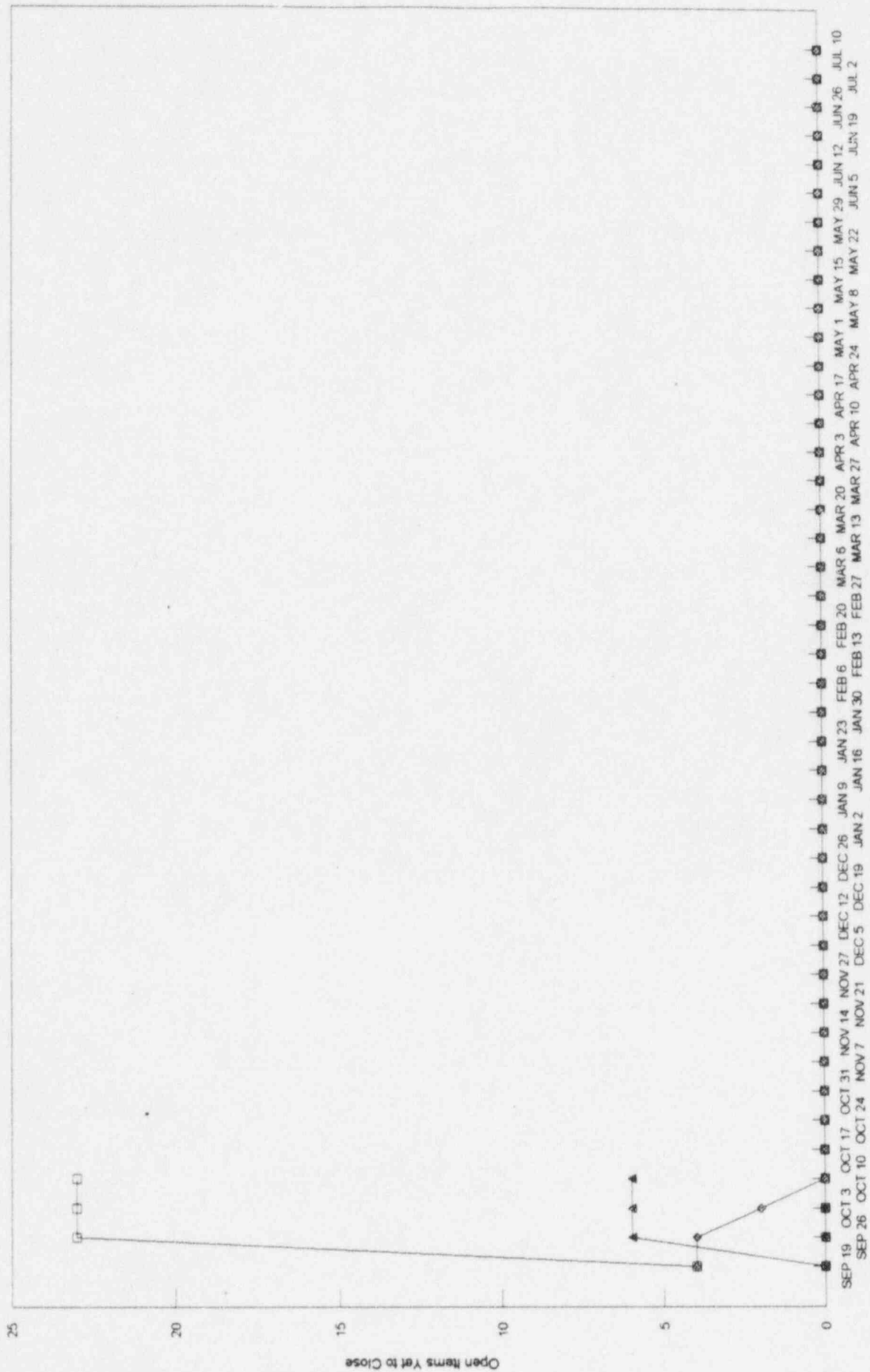
10/10/96



W Goal W Actual NRC Goal NRC Actual

# Open Item Workoff for Section 3.11

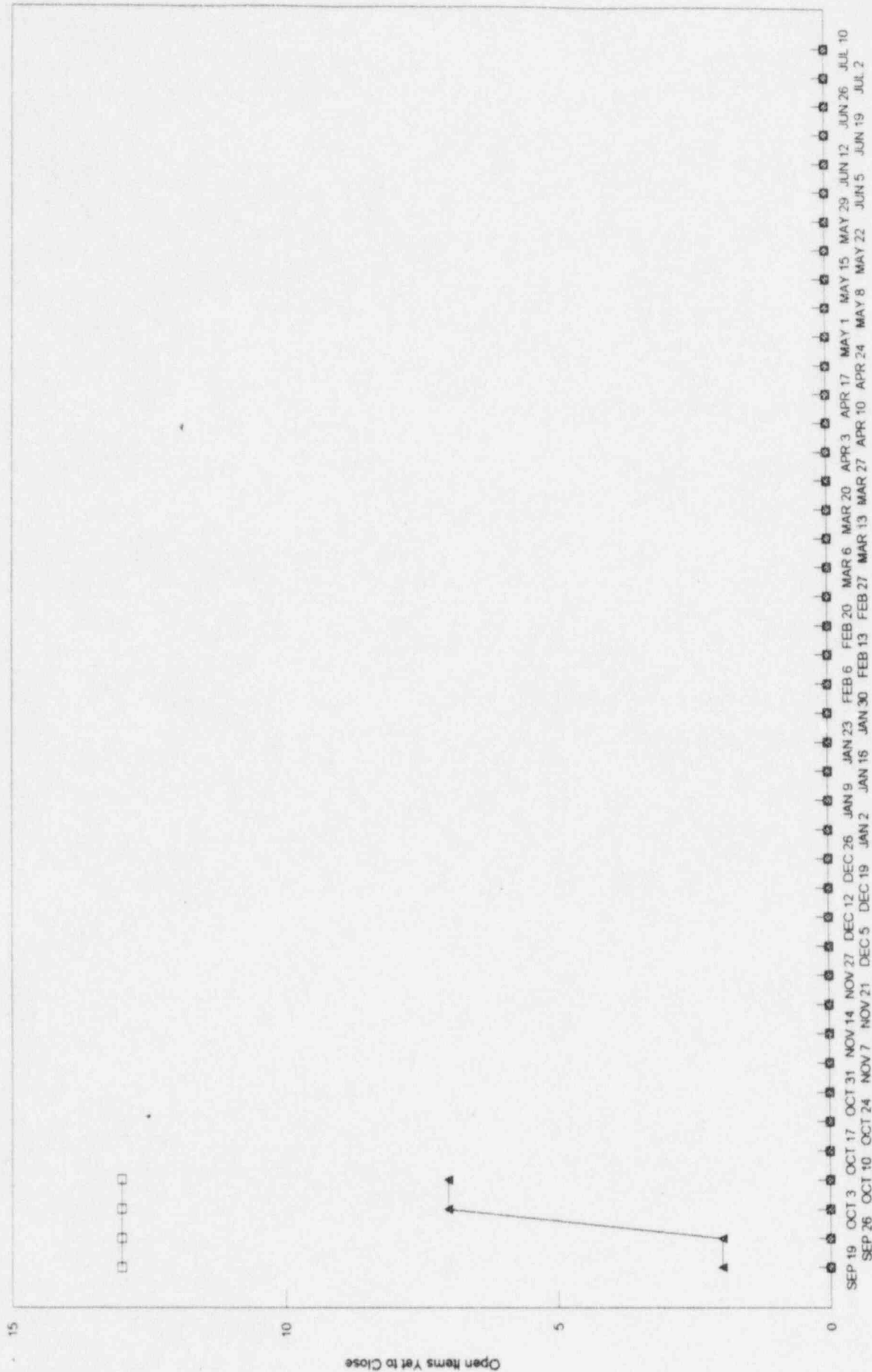
10/10/96



W Goal    NRC Goal    W Actual    NRC Actual

# Open Item Workoff for Section 3.12

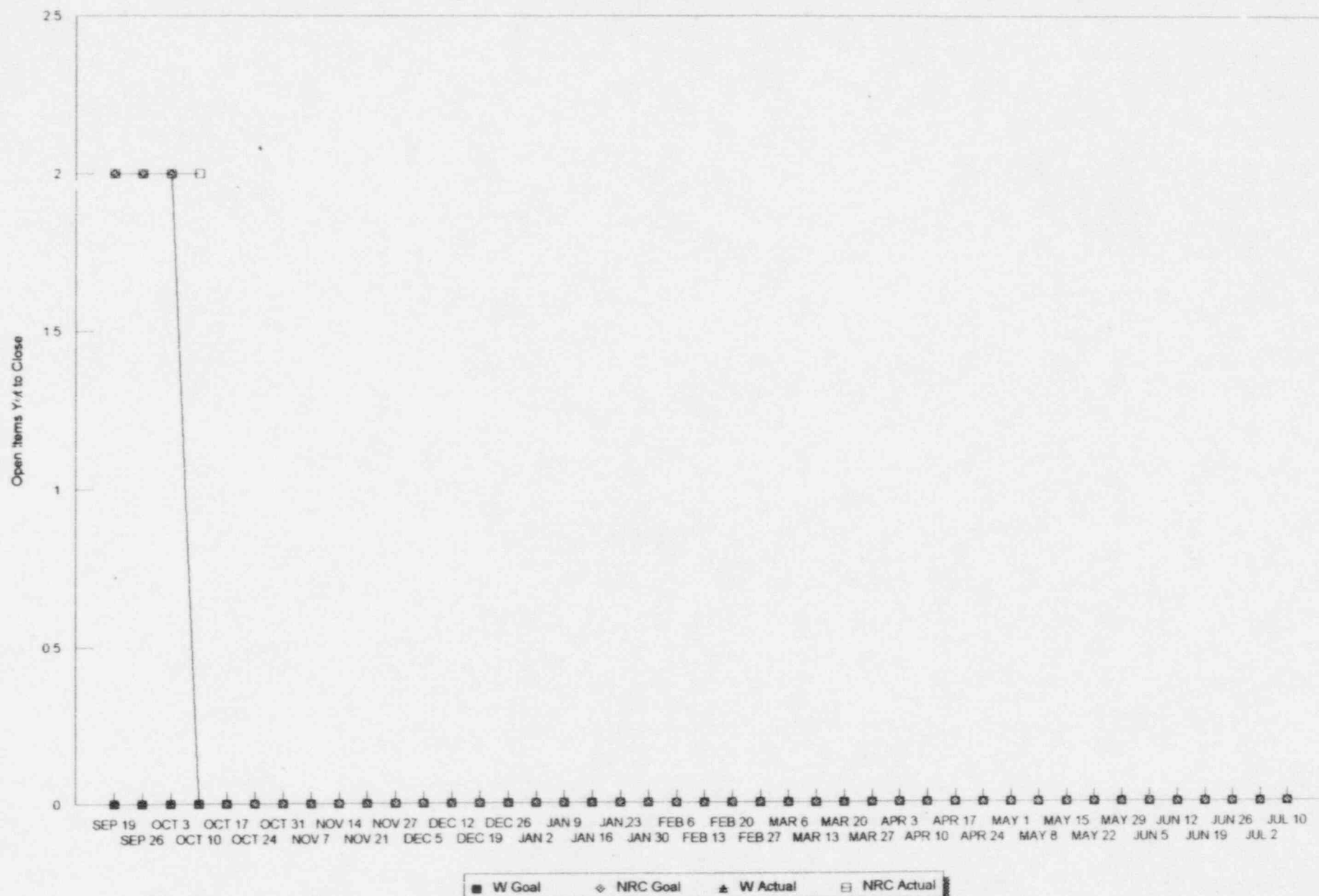
10/10/96



W Goal    NRC Goal    W Actual    NRC Actual

# Open Item Workoff for Chapter 4

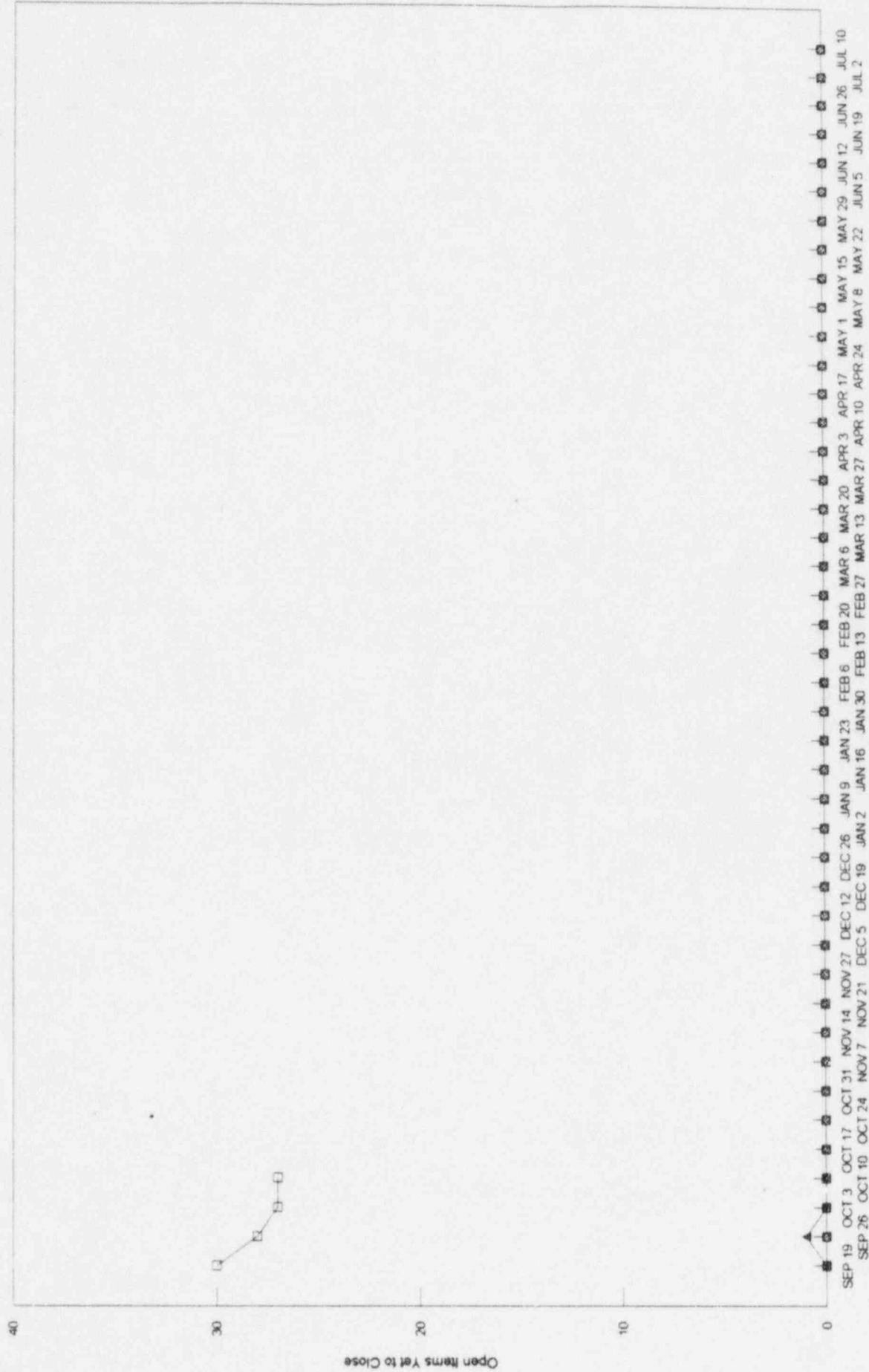
10/10/96





# Open Item Workoff for Chapter 5

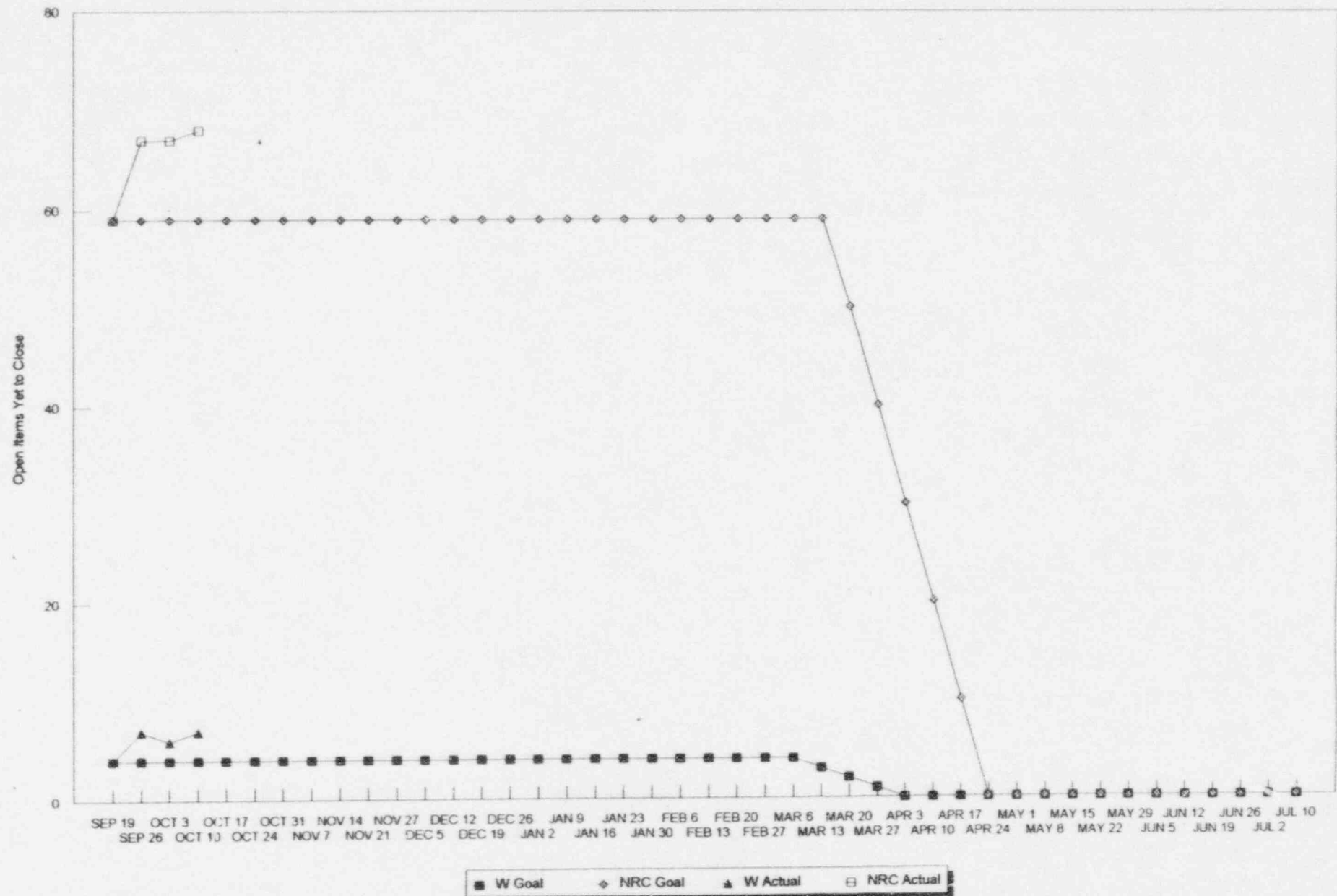
10/10/96



W Goal NRC Goal W Actual NRC Actual

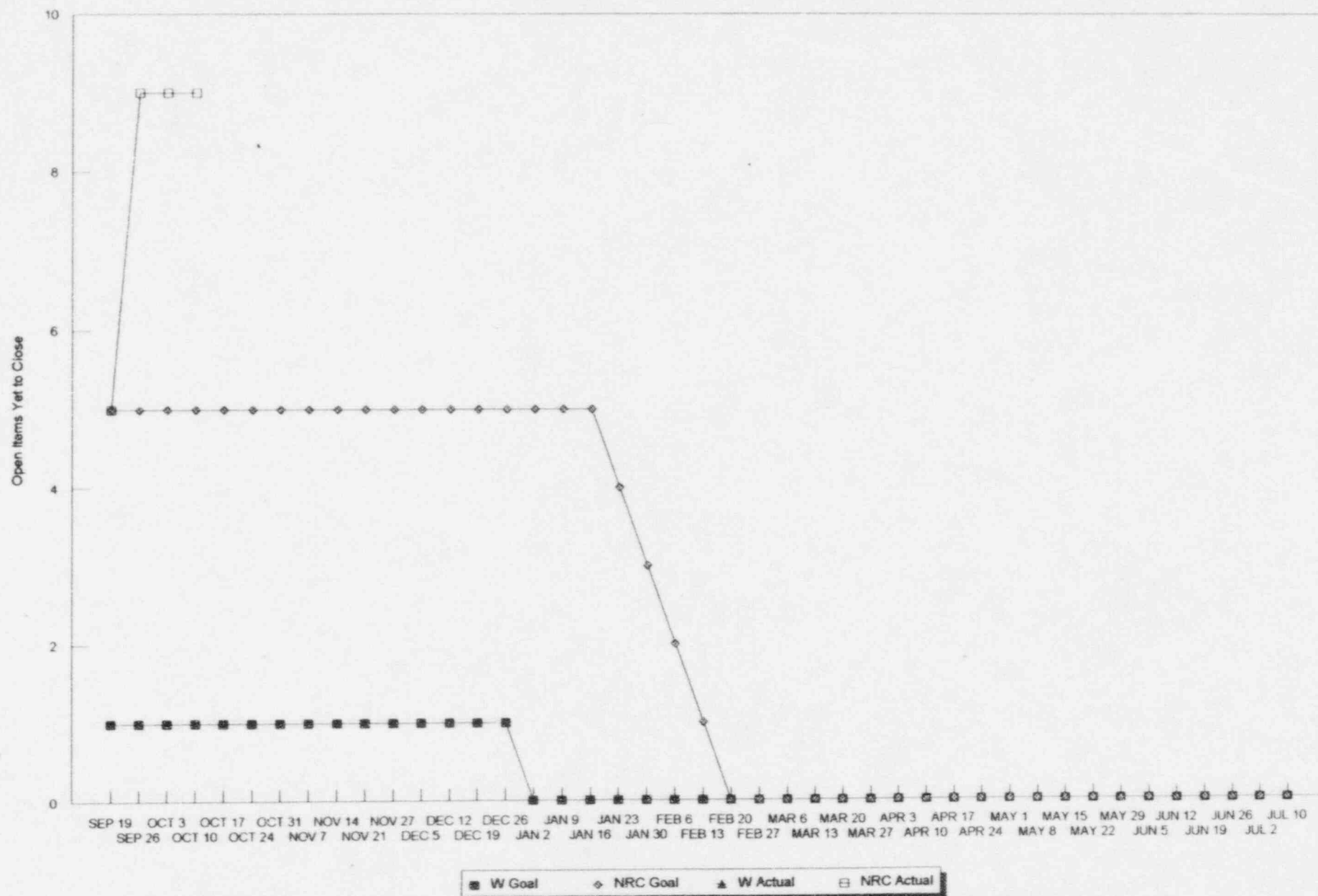
# Open Item Workoff for Section 6.2

10/10/96



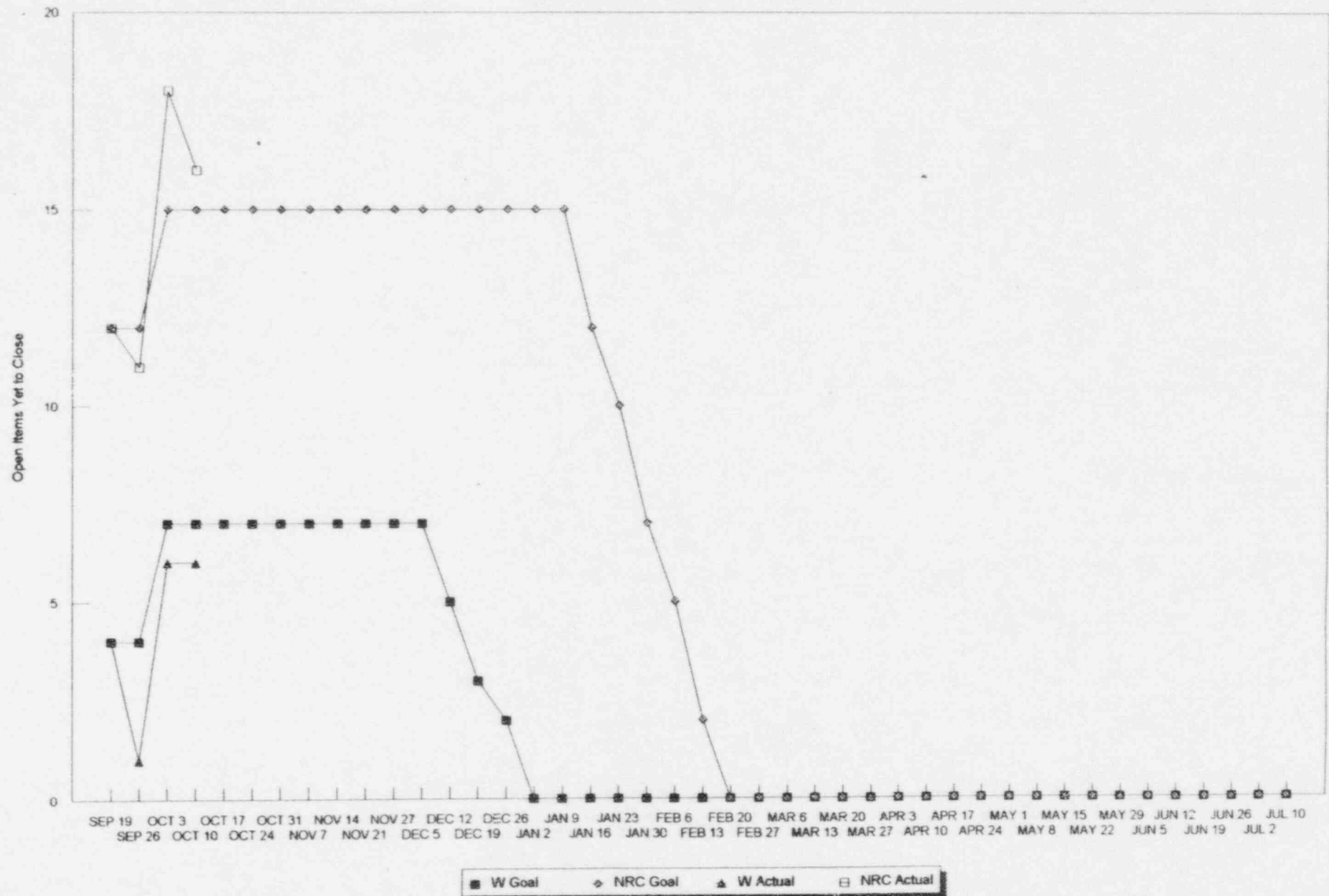
# Open Item Workoff for Section 6.3

10/10/96



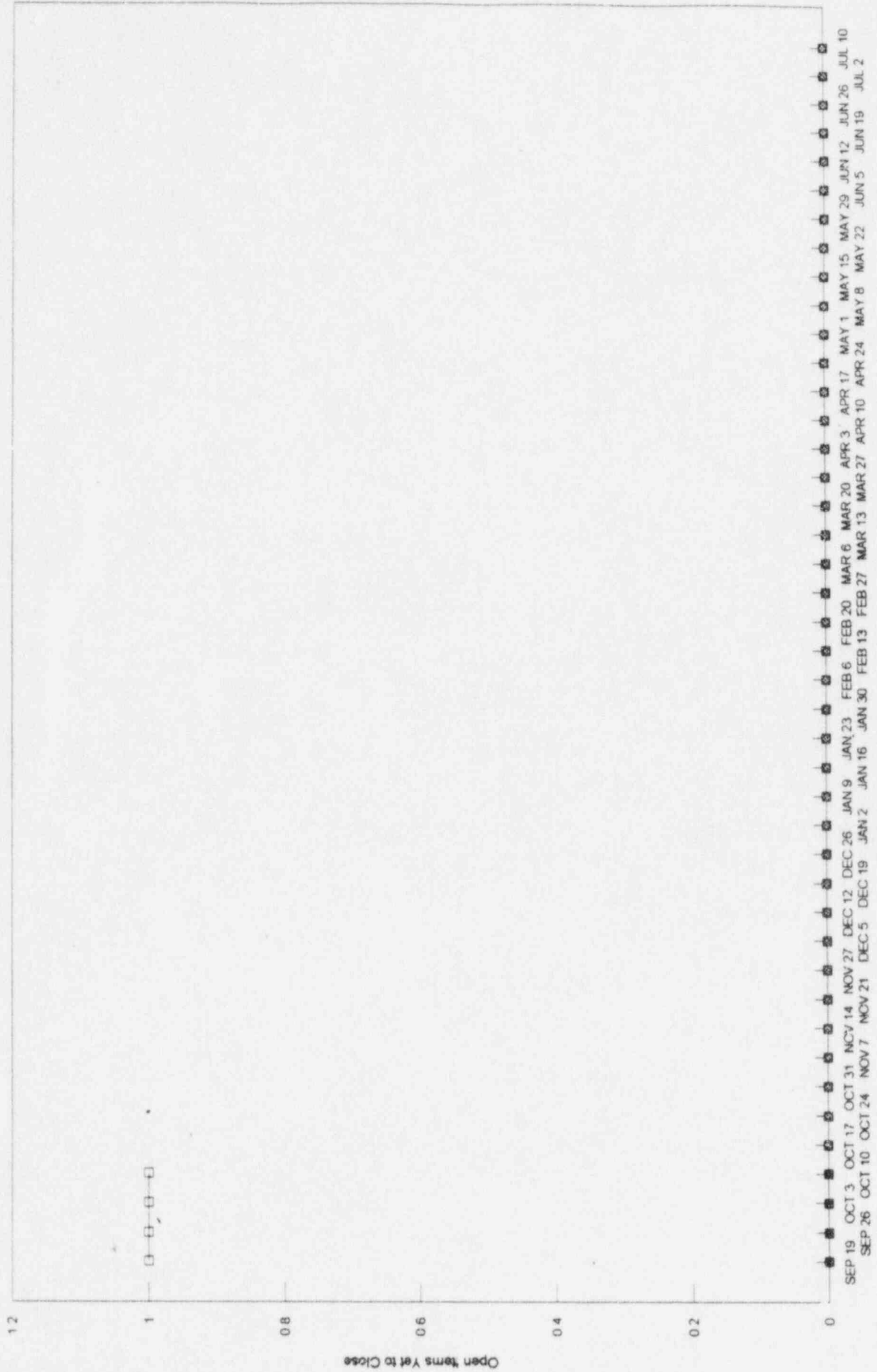
# Open Item Workoff for Section 6.4

10/10/96



# Open Item Workoff for Section 6.5

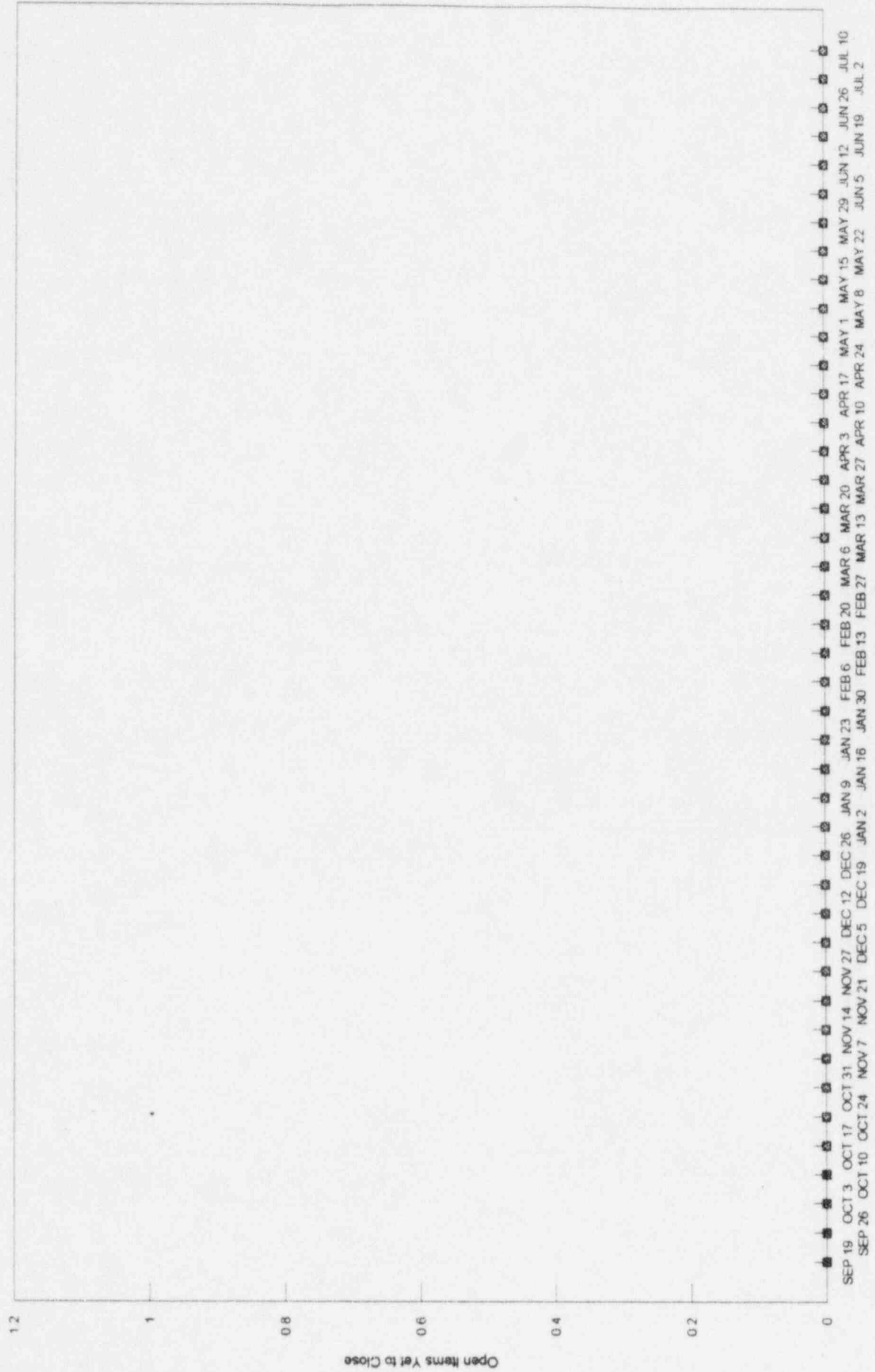
10/10/96



☒ W Goal   
 ☒ NRC Goal   
 ☒ W Actual   
 ☒ NRC Actual

# Open Item Workoff for Section 6.6

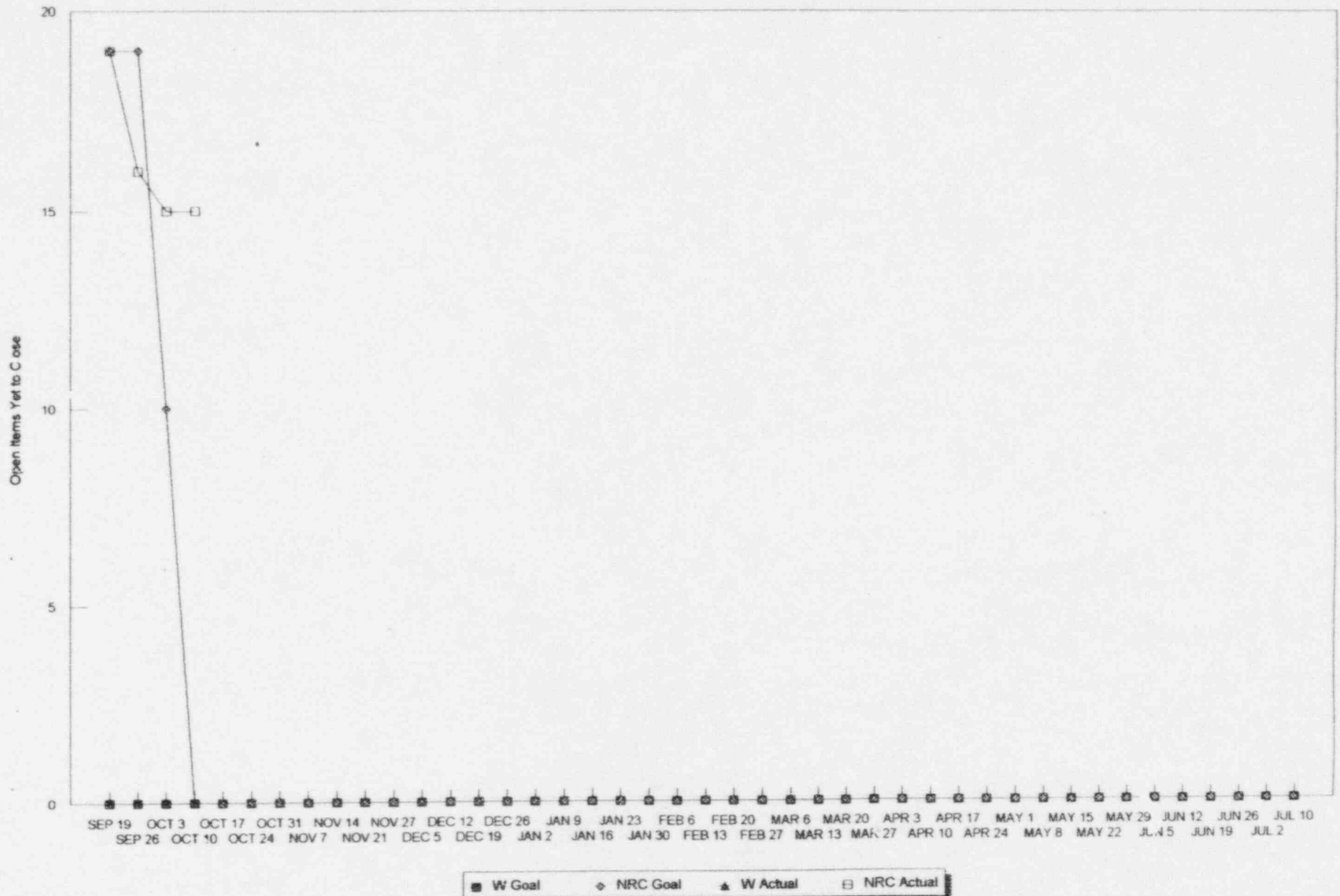
10/10/96



☒ W Goal   
 ☒ NRC Goal   
 ☒ W Actual   
 ☒ NRC Actual

# Open Item Workoff for Chapter 7

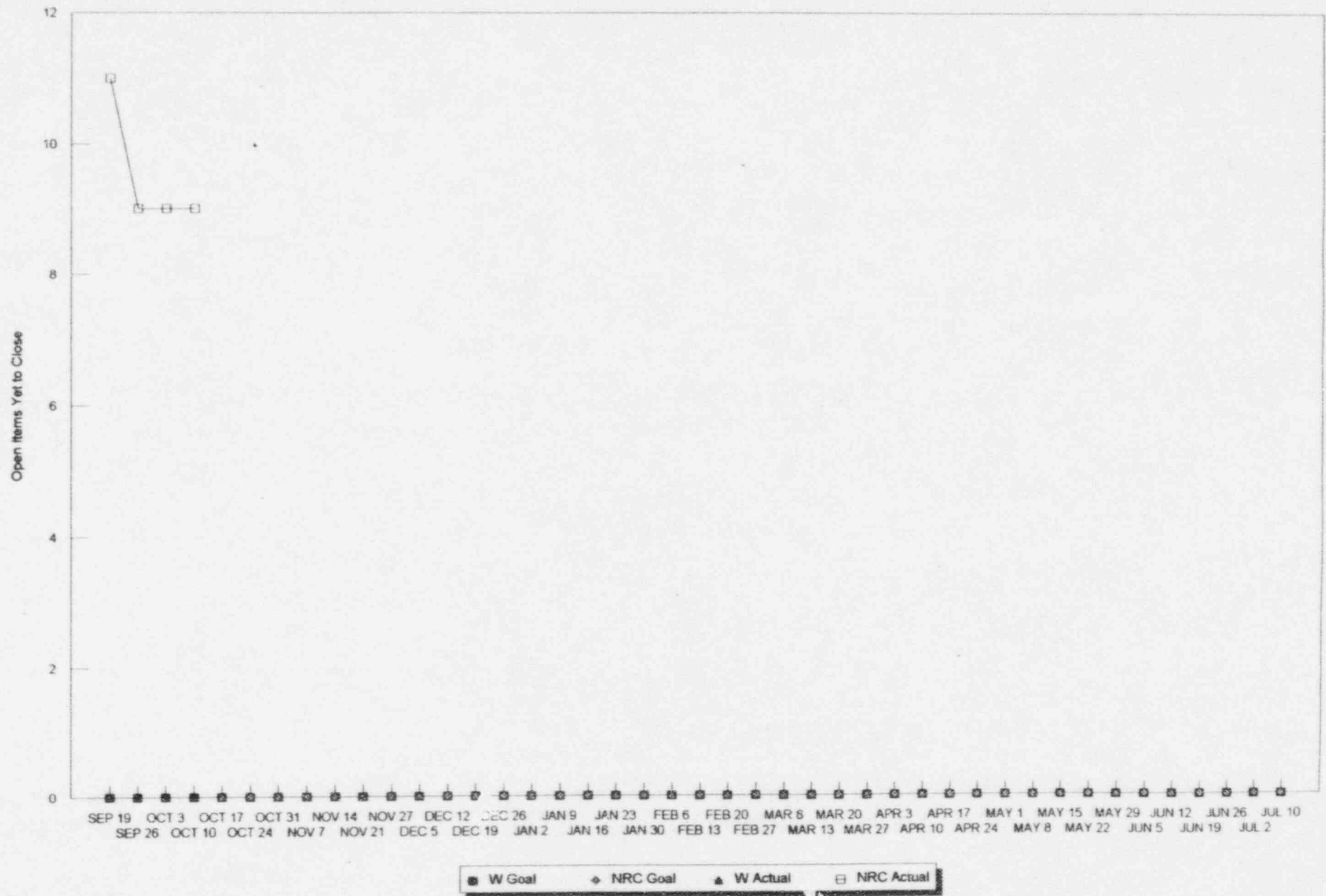
10/10/96





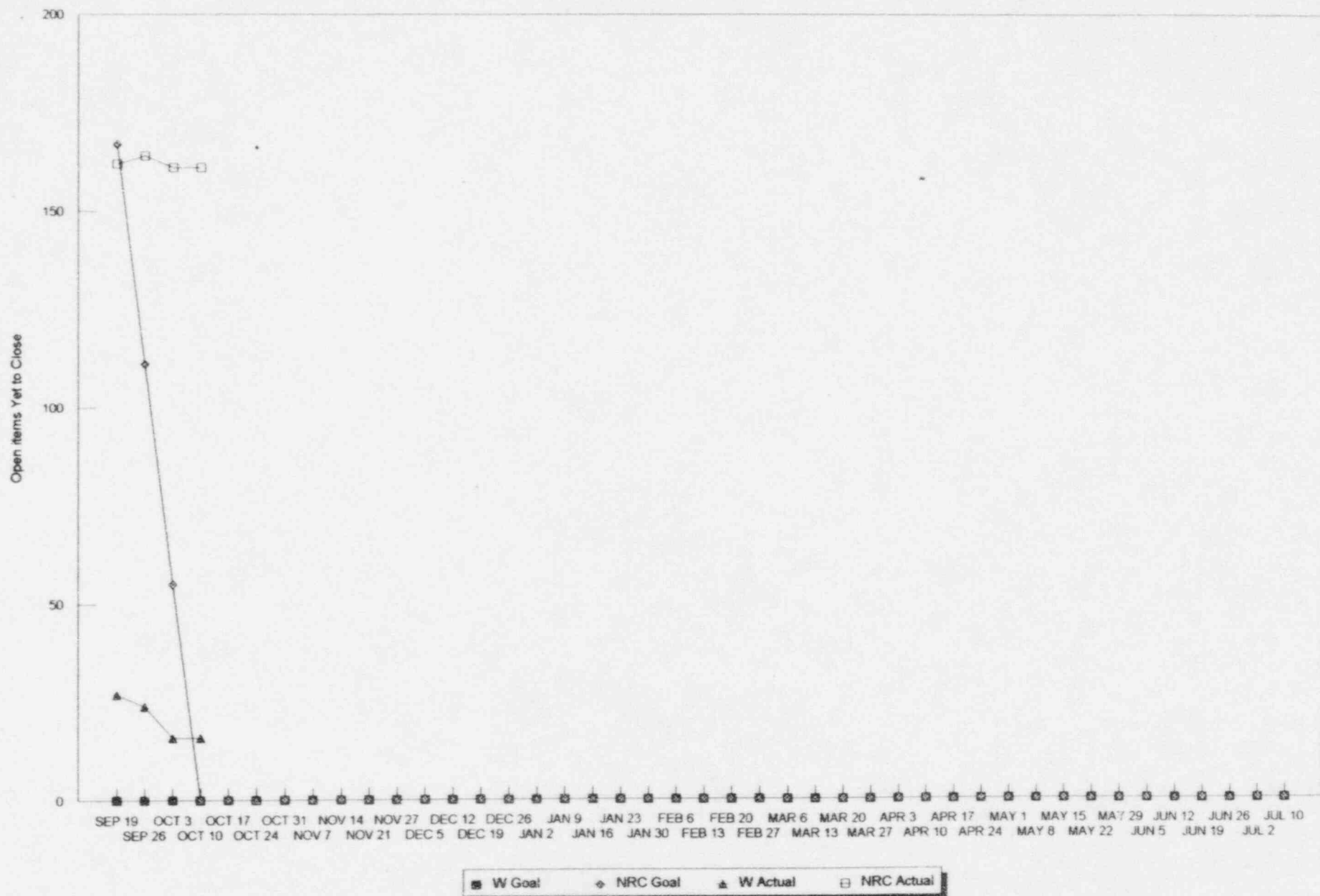
# Open Item Workoff for Chapter 8

10/10/96



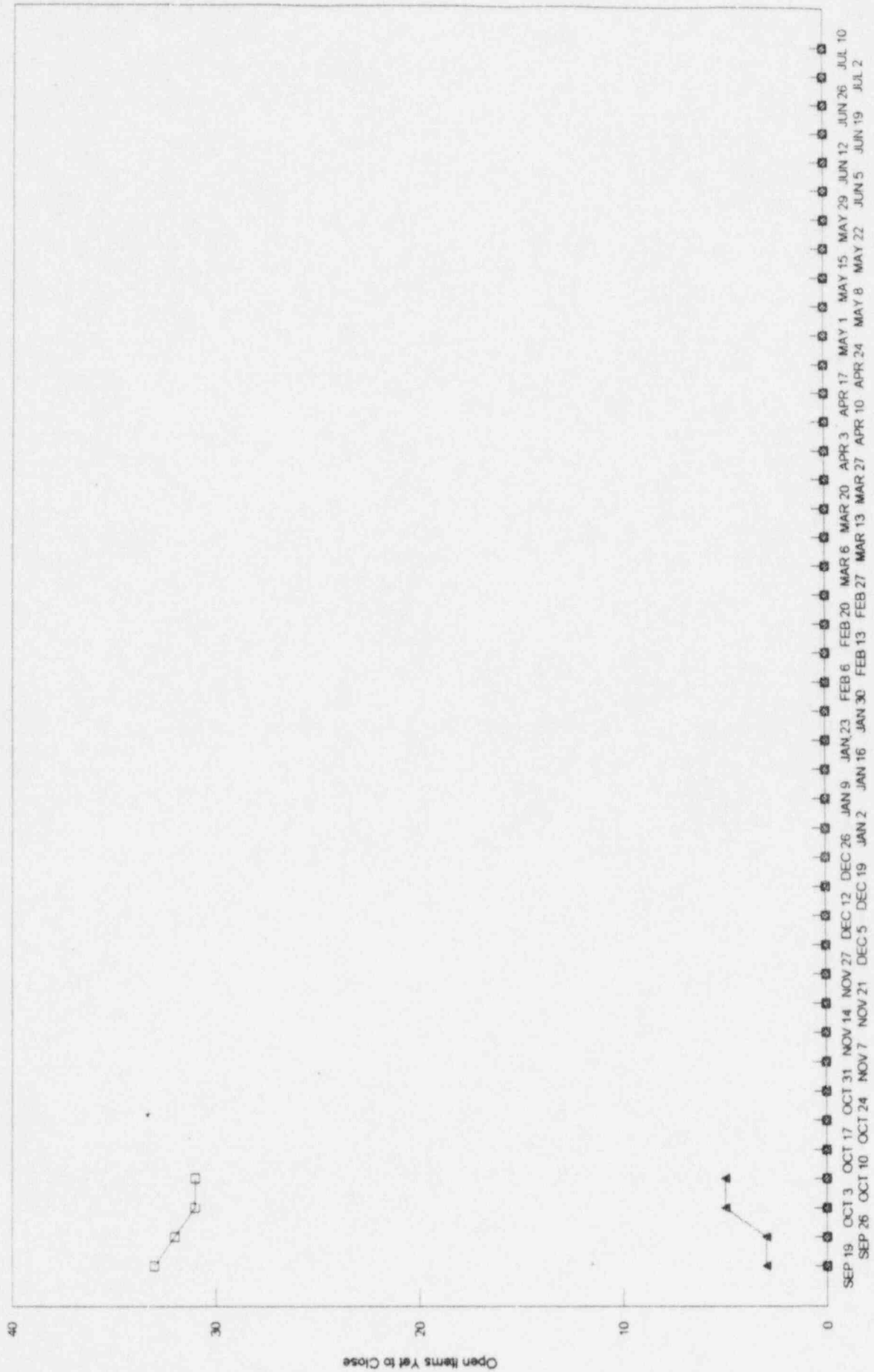
# Open Item Workoff for Chapter 9

10/10/96



# Open Item Workoff for Chapter 10

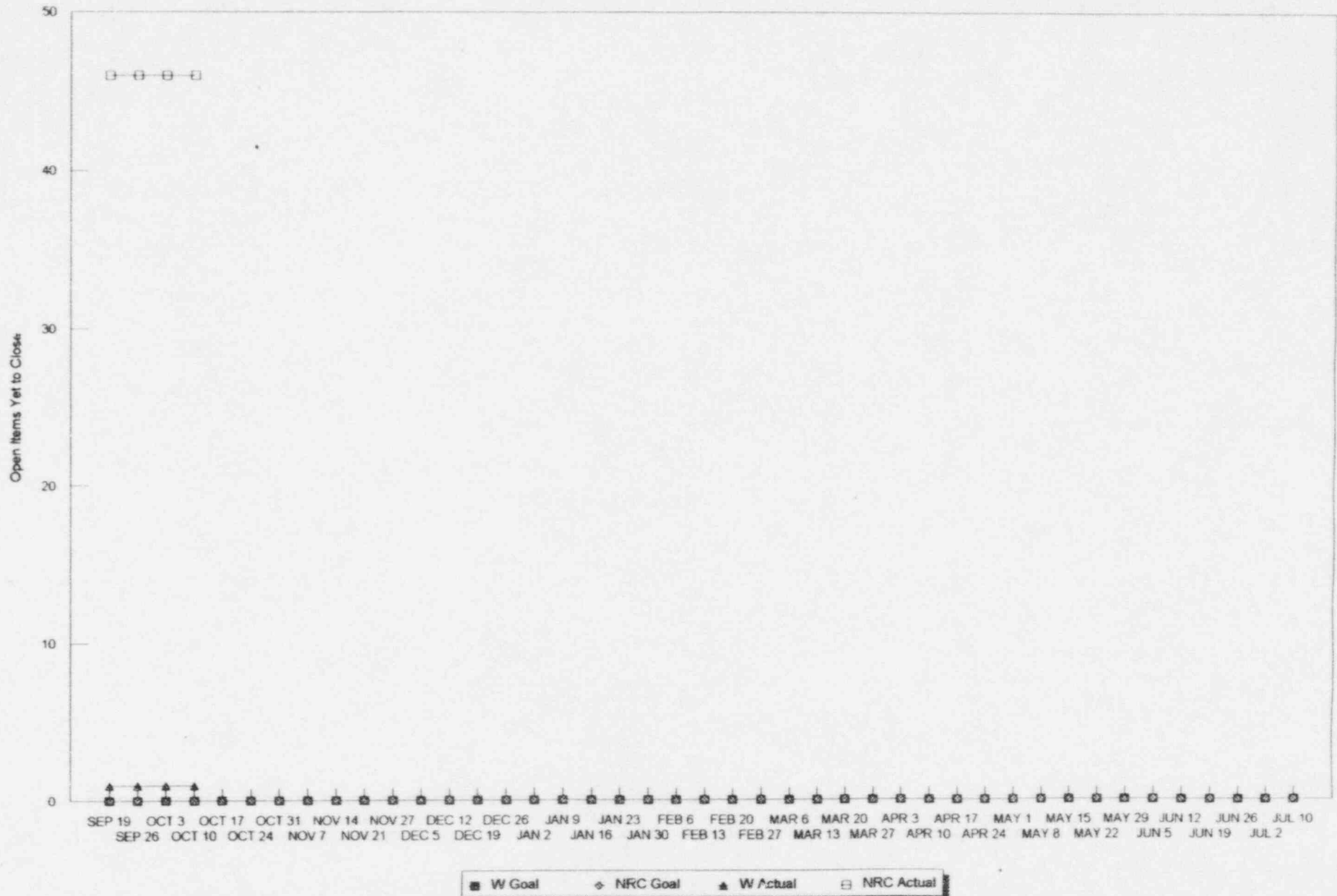
10/10/96



W Goal    NRC Goal    W Actual    NRC Actual

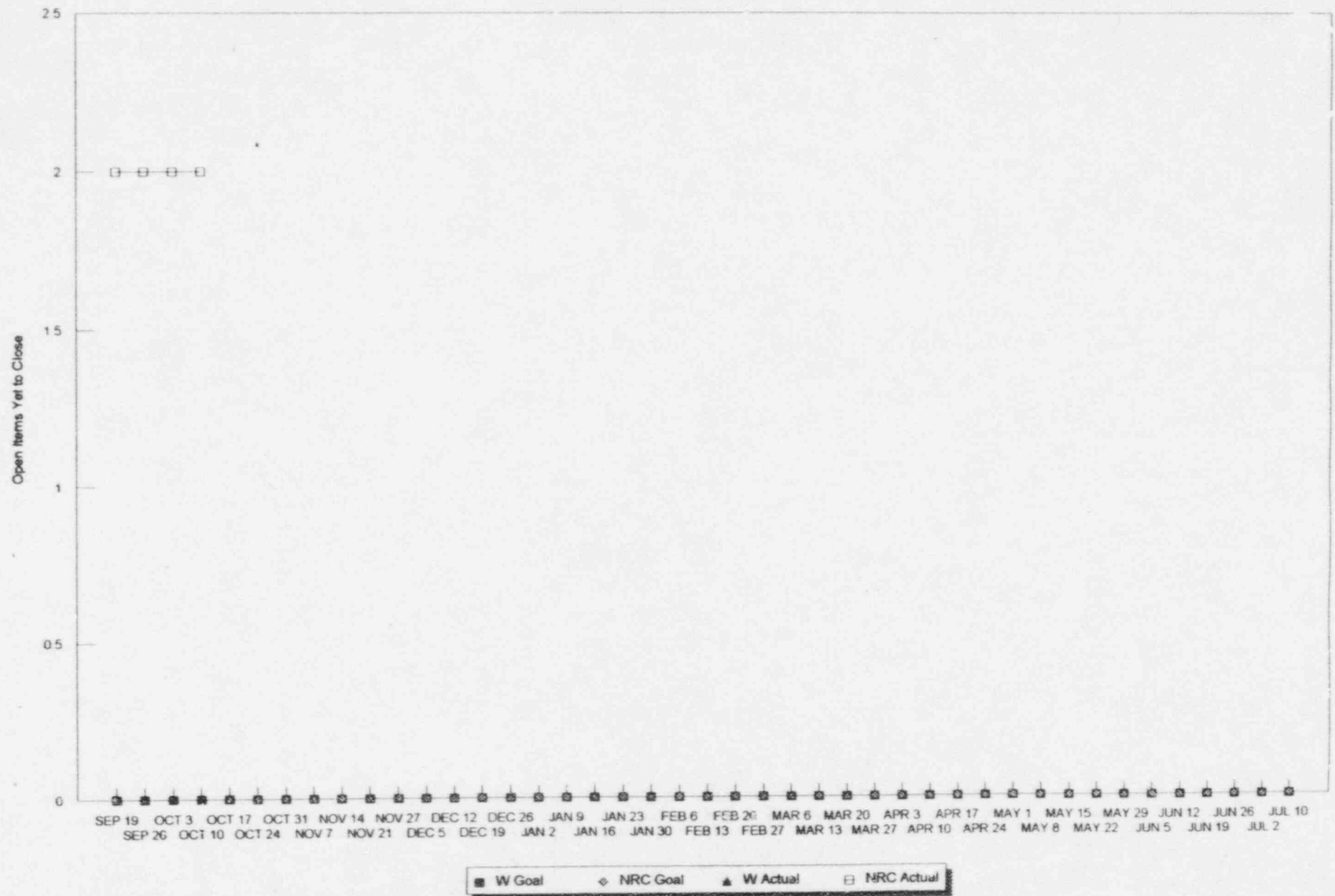
# Open Item Workoff for Chapter 11

10/14/96



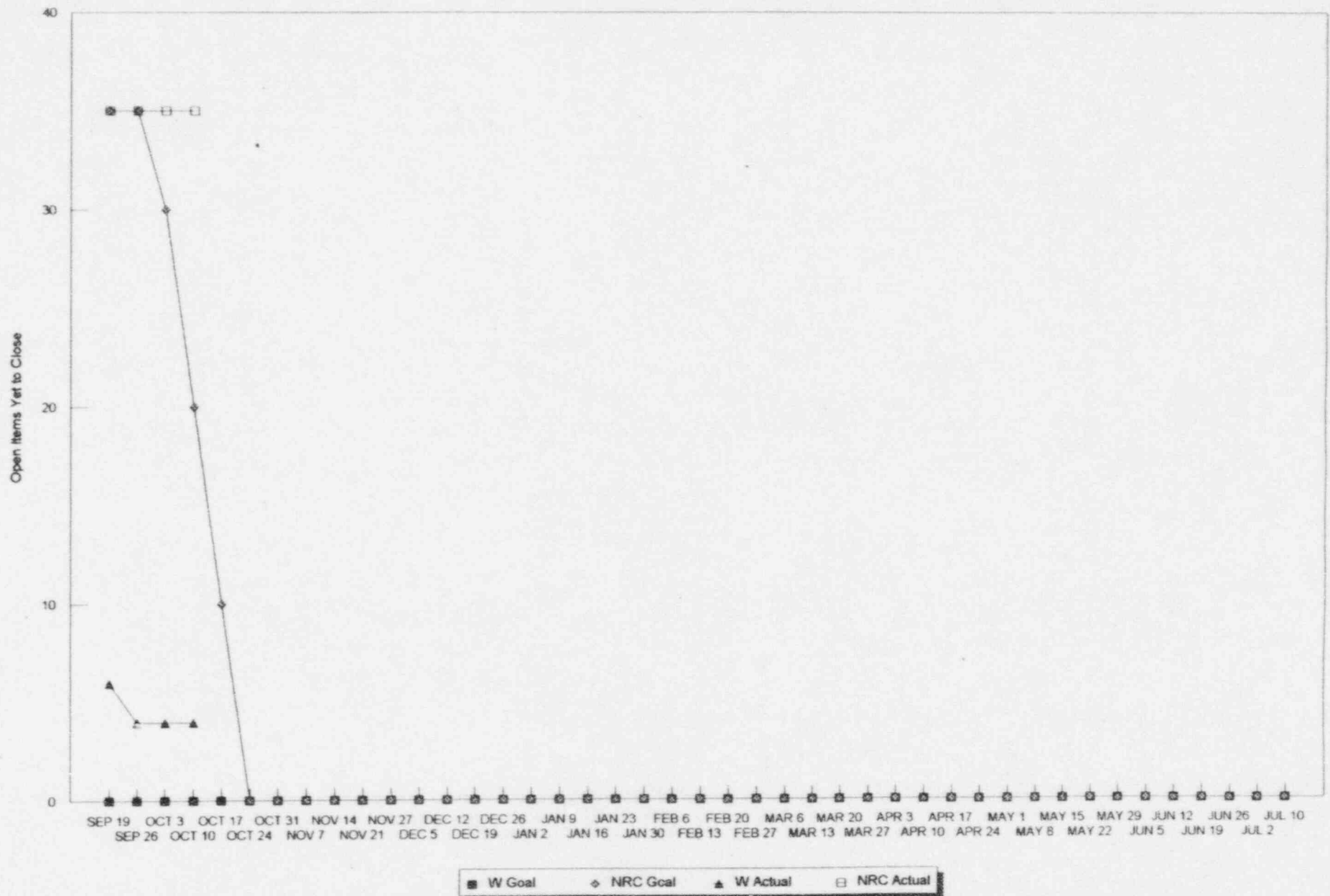
# Open Item Workoff for Chapter 12

10/14/96



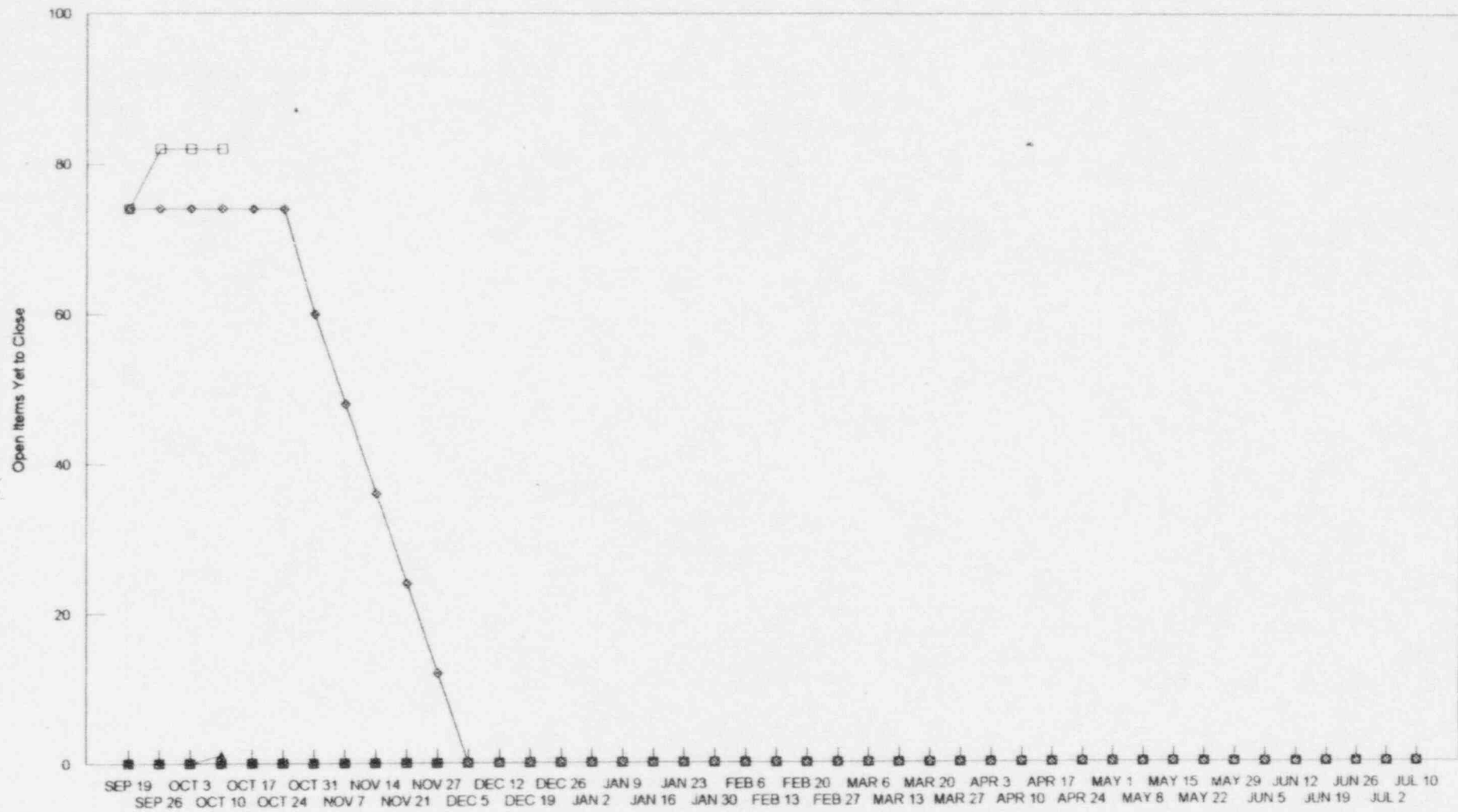
# Open Item Workoff for Chapter 13

10/14/96



# Open Item Workoff for Chapter 14

10/14/96

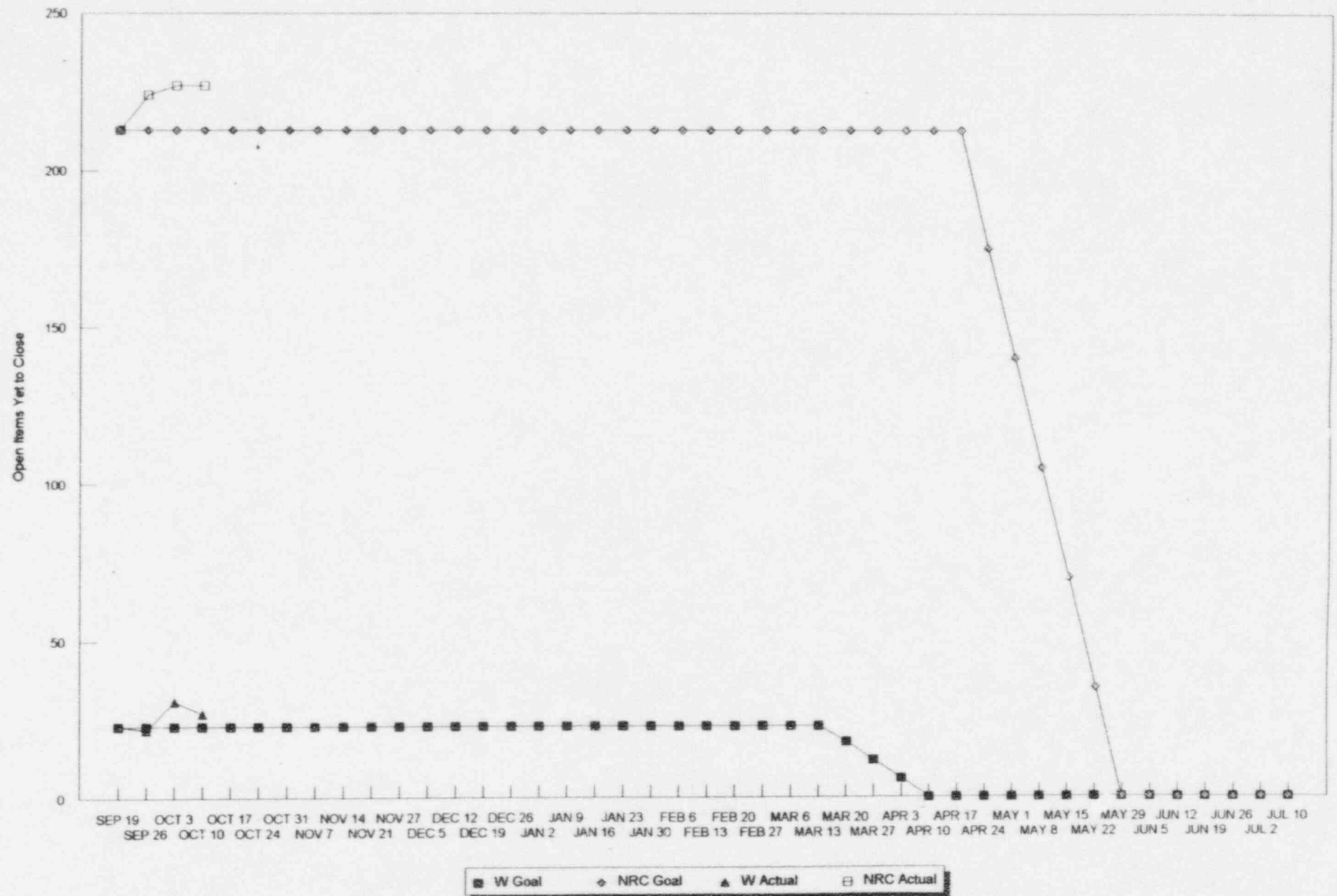


■ W Goal    ◇ NRC Goal    ▲ W Actual    □ NRC Actual



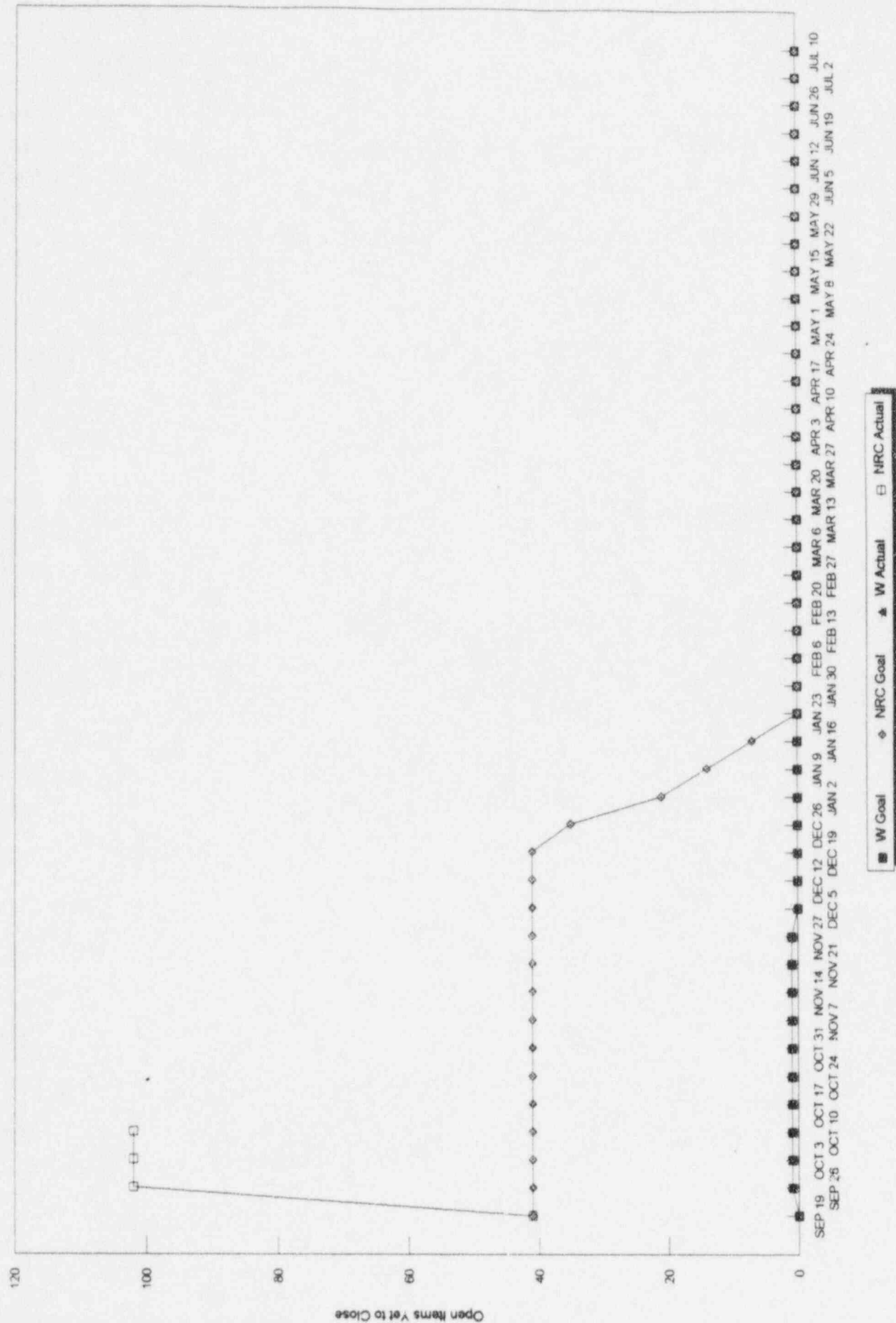
# Open Item Workoff for Chapter 15

10/14/96



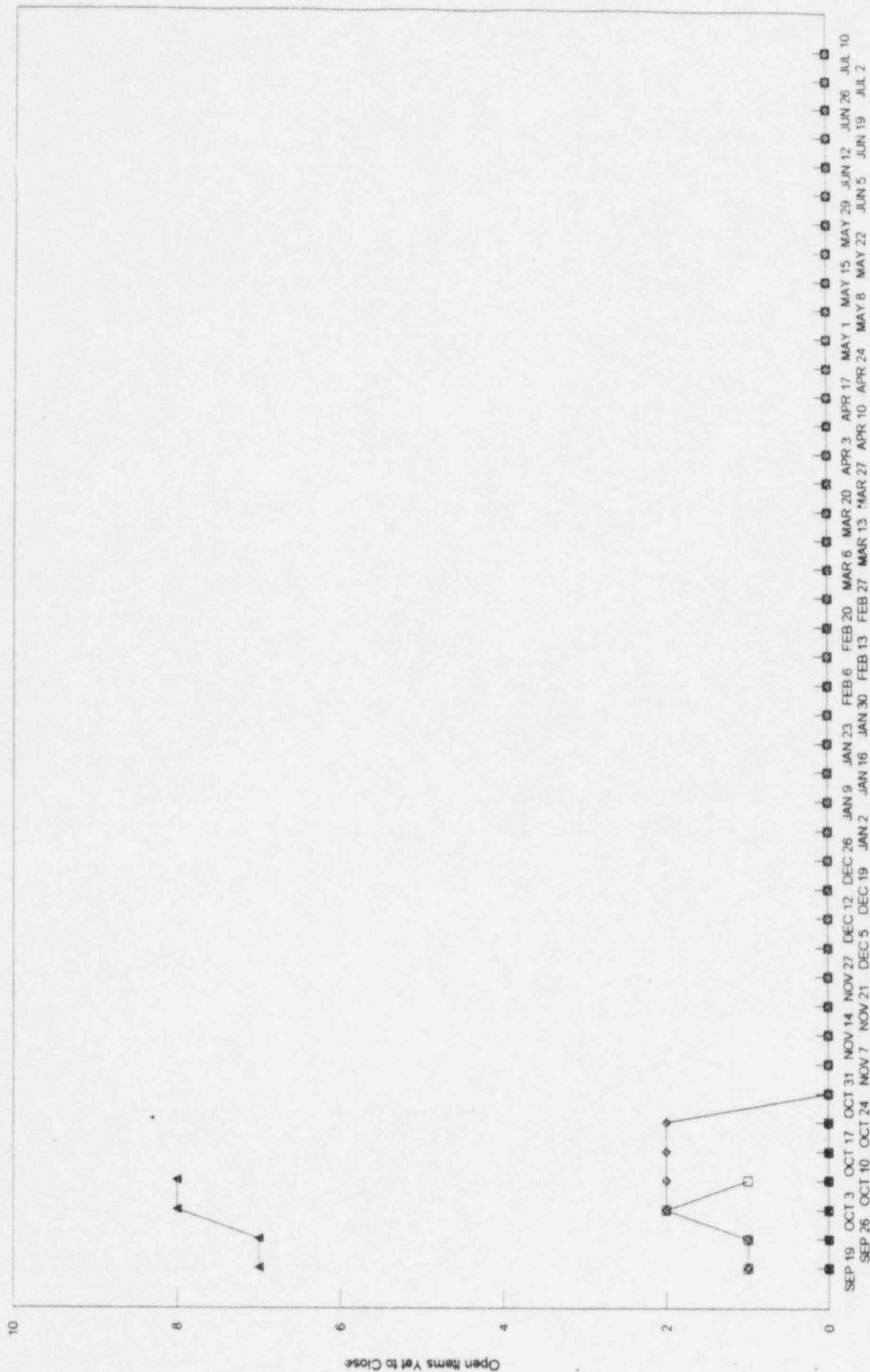
# Open Item Workoff for Section 16.1

10/14/96



# Open Item Workoff for Section 16.2

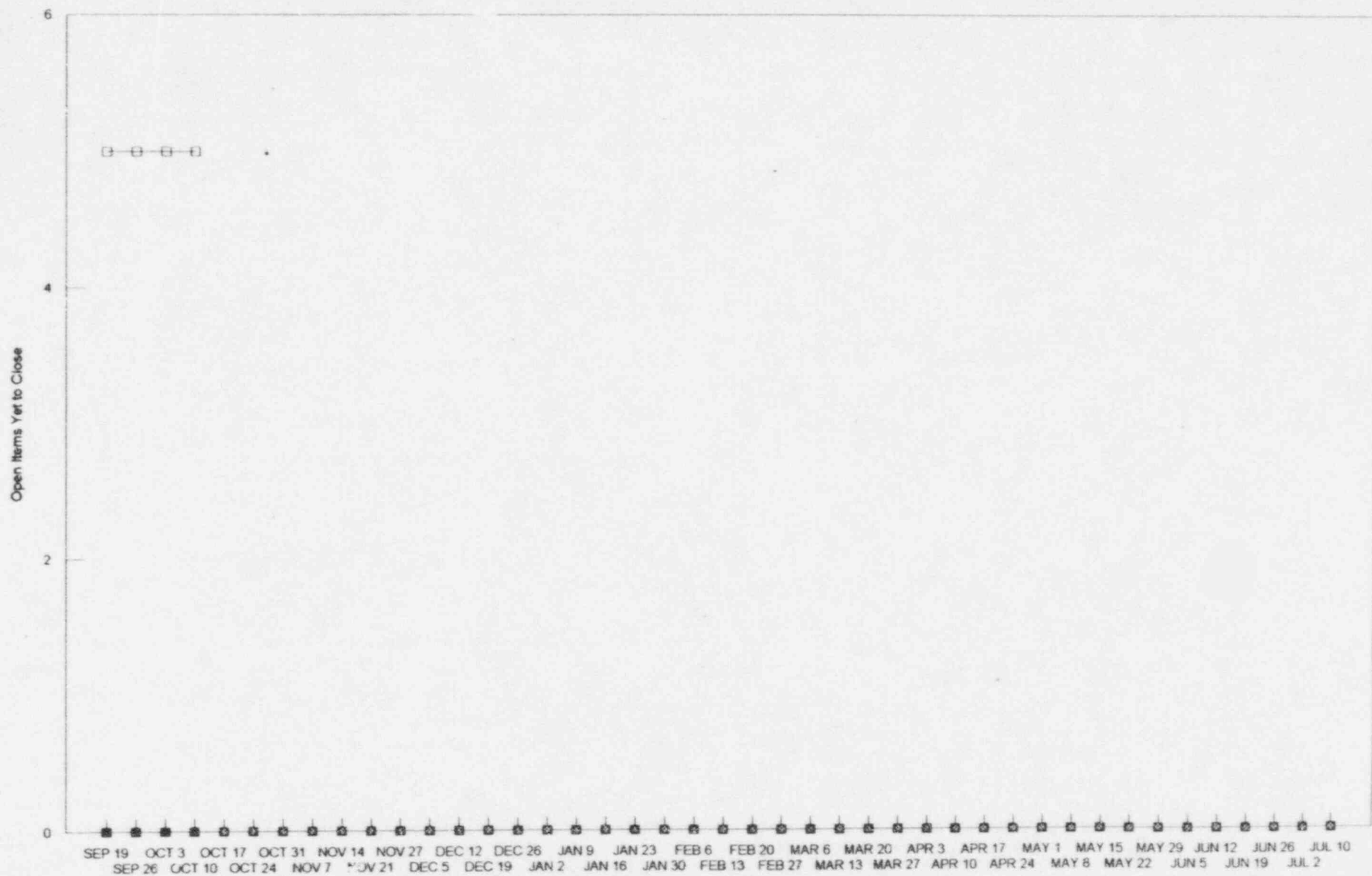
10/14/96



W Goal W Actual NRC Goal NRC Actual

# Open Item Workoff for Chapter 17

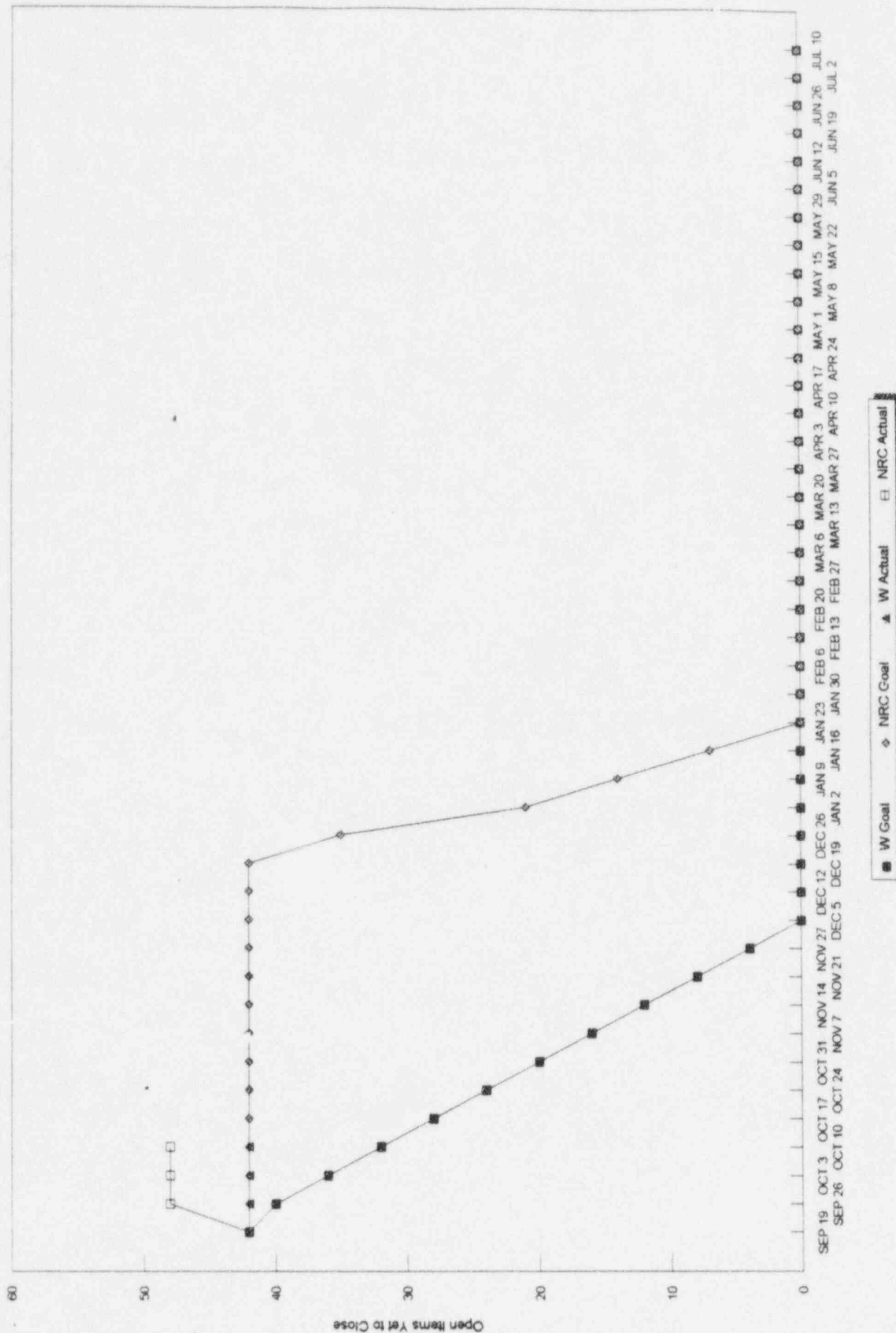
10/14/96



■ W Goal    ◆ NRC Goal    ▲ W Actual    □ NRC Actual

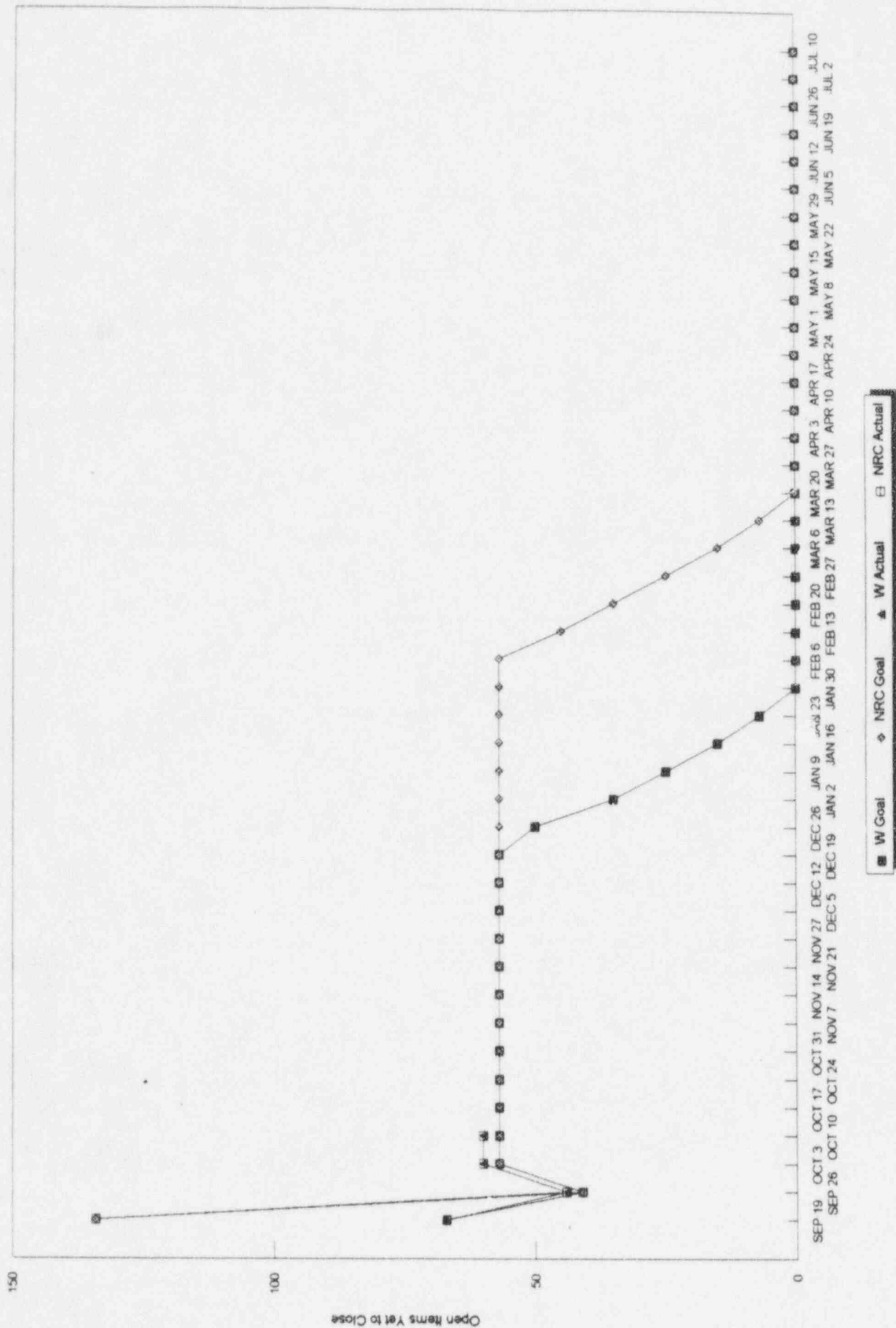
# Open Item Work for Chapter 18

10.1.96



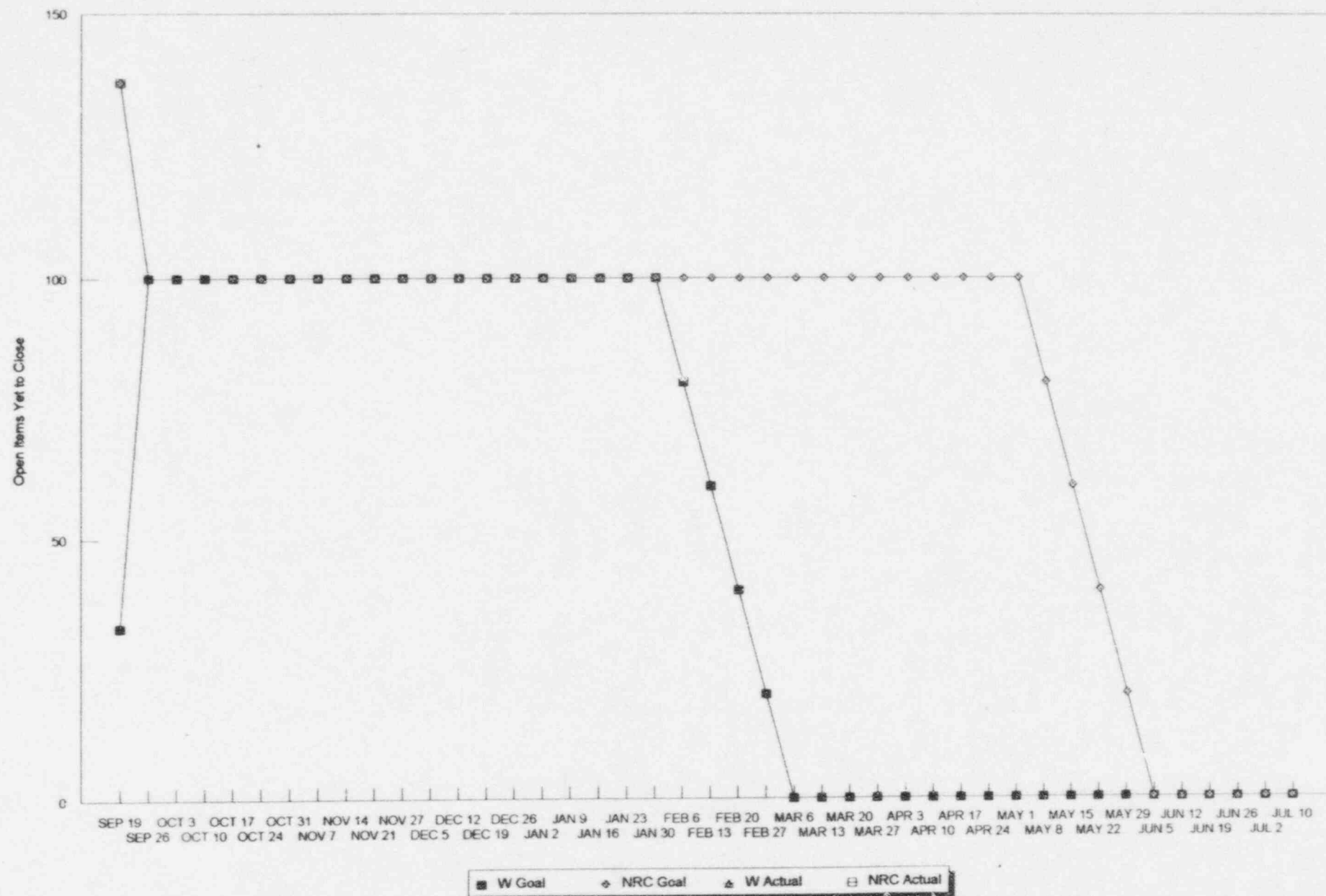
# Open Item Workoff for PRA Level 1

10/14/96



# Open Item Workoff for PRA Level 2/3

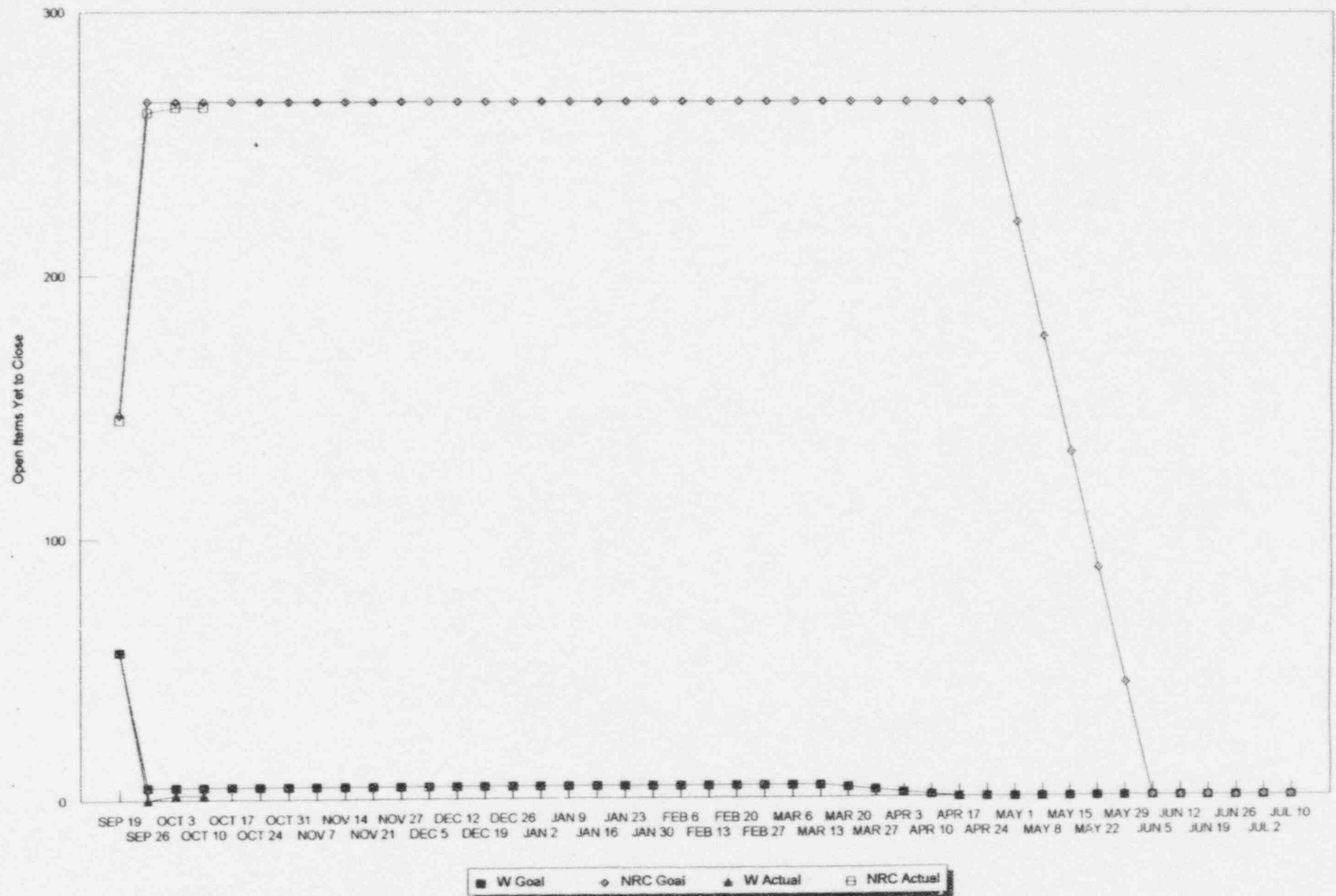
10/14/96





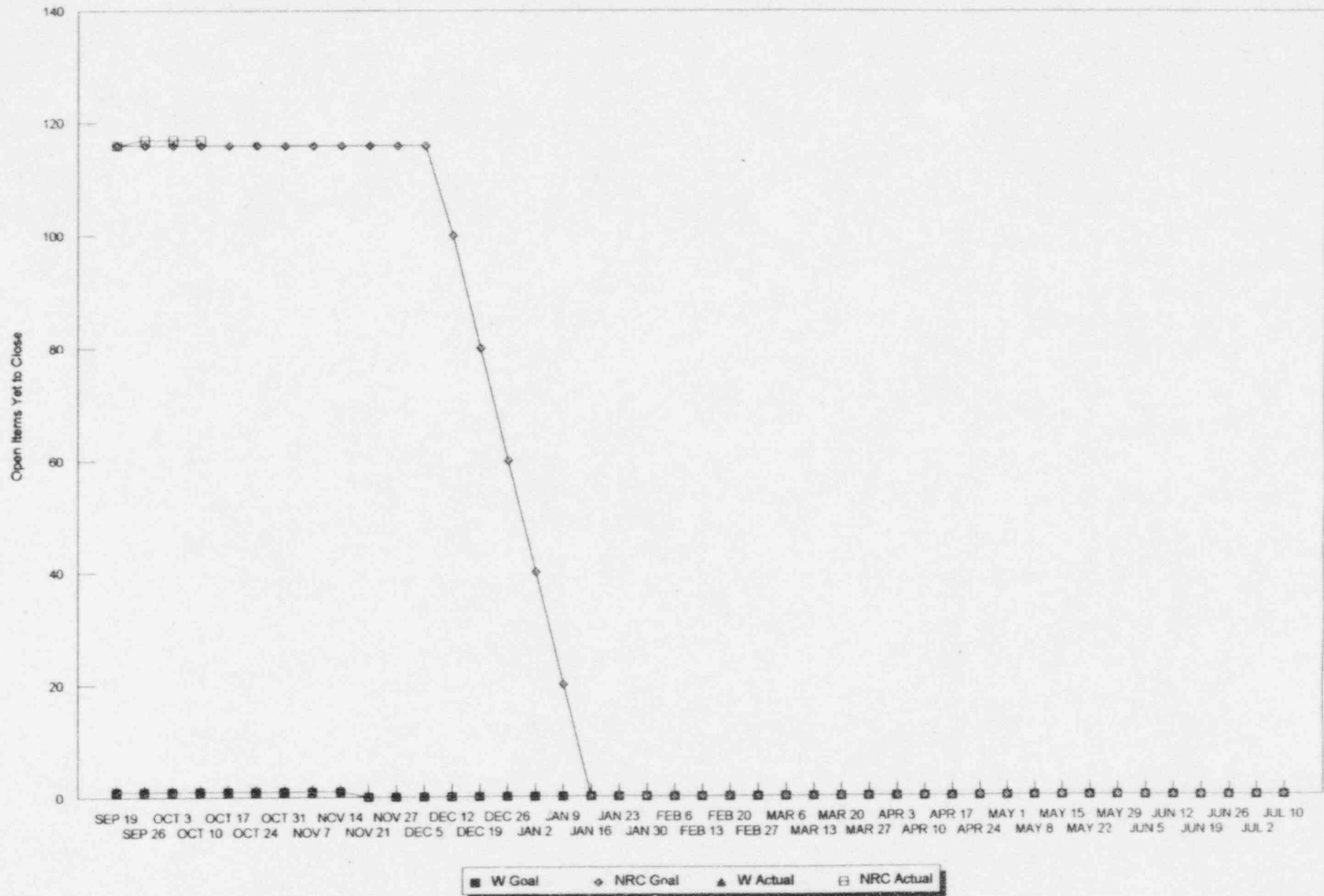
# Open Item Workoff for "Chapter 19"

10/14/96



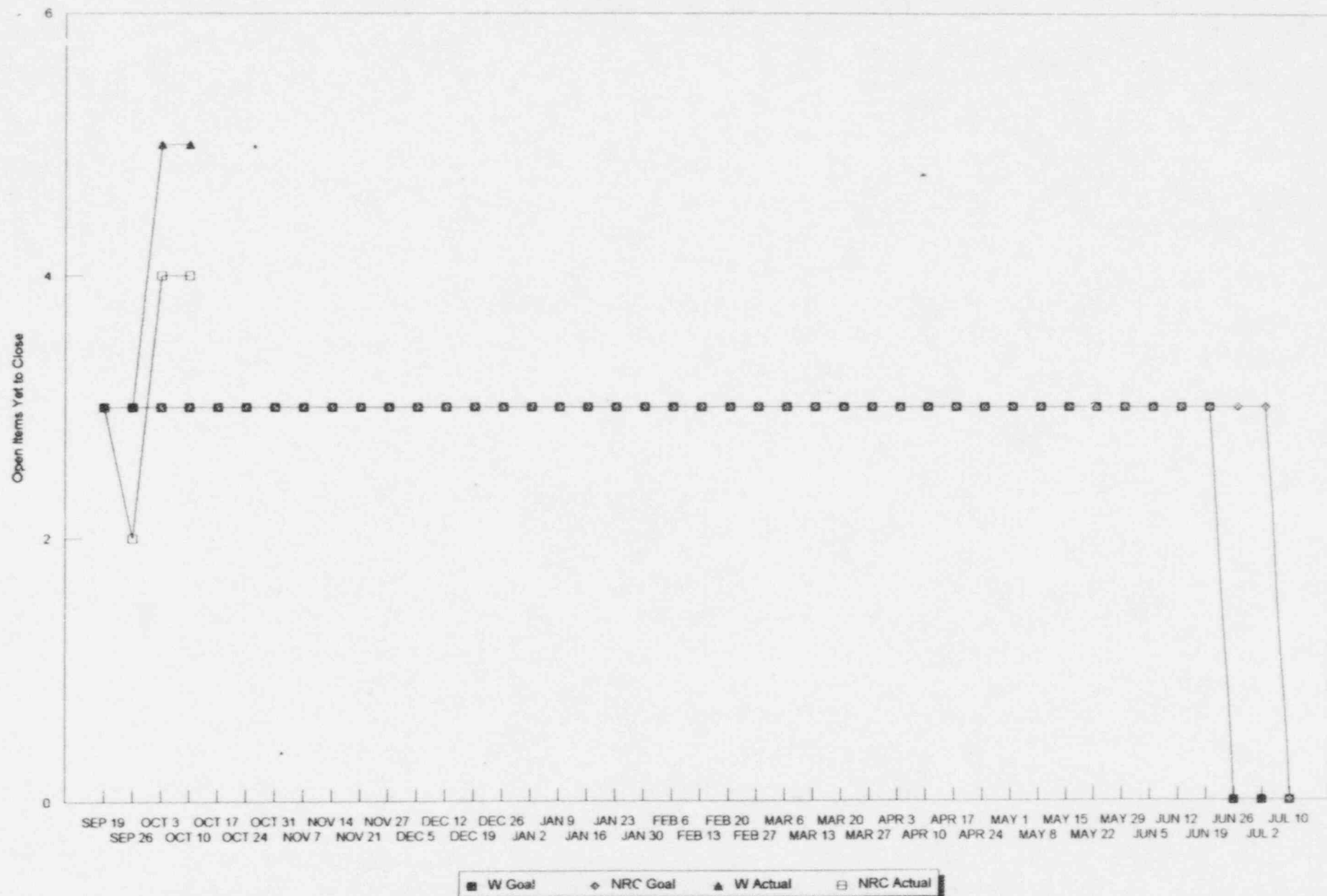
# Open Item Workoff for Chapter 20

10/14/96



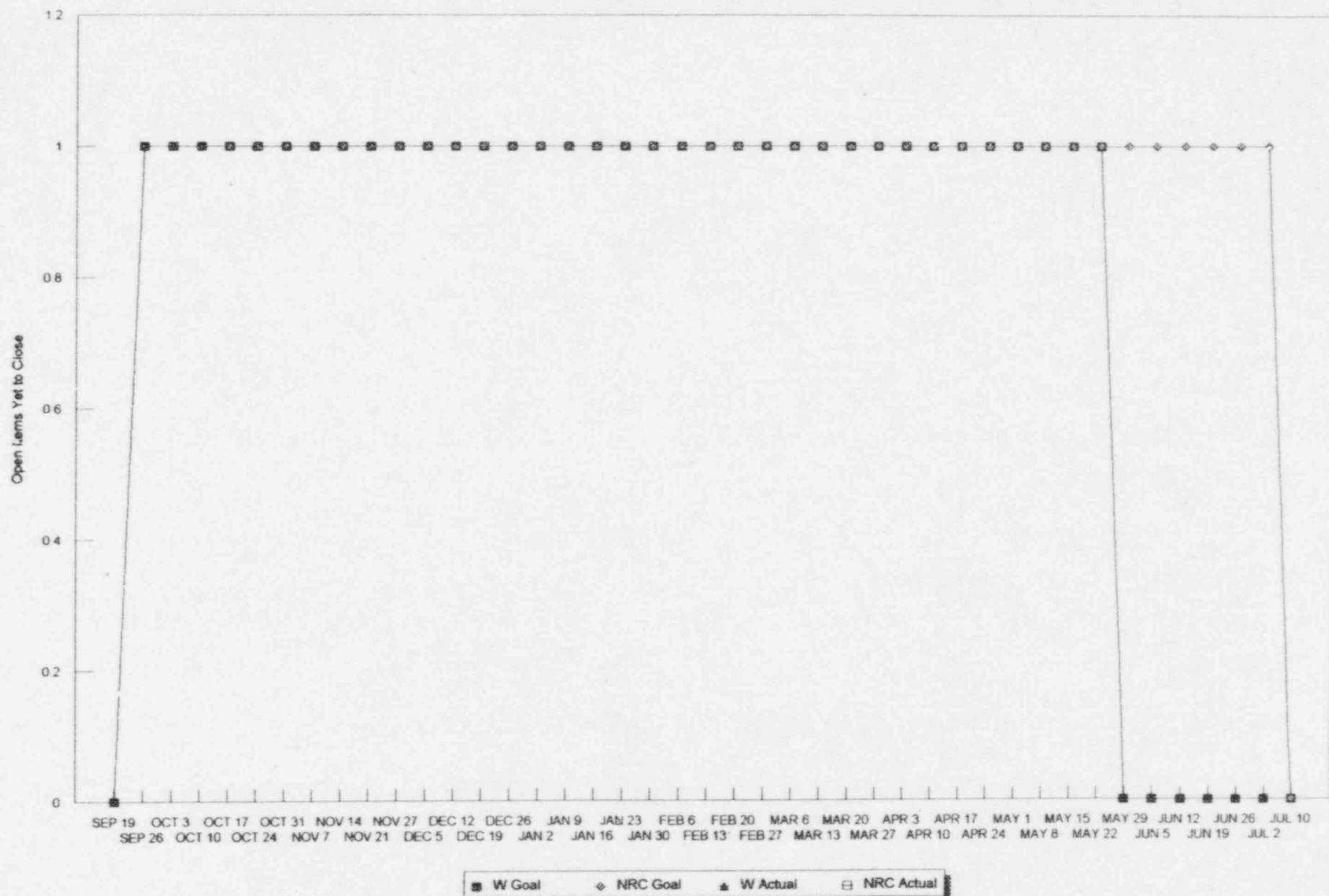
# Open Item Workoff for SSAR Revisions

10/14/96



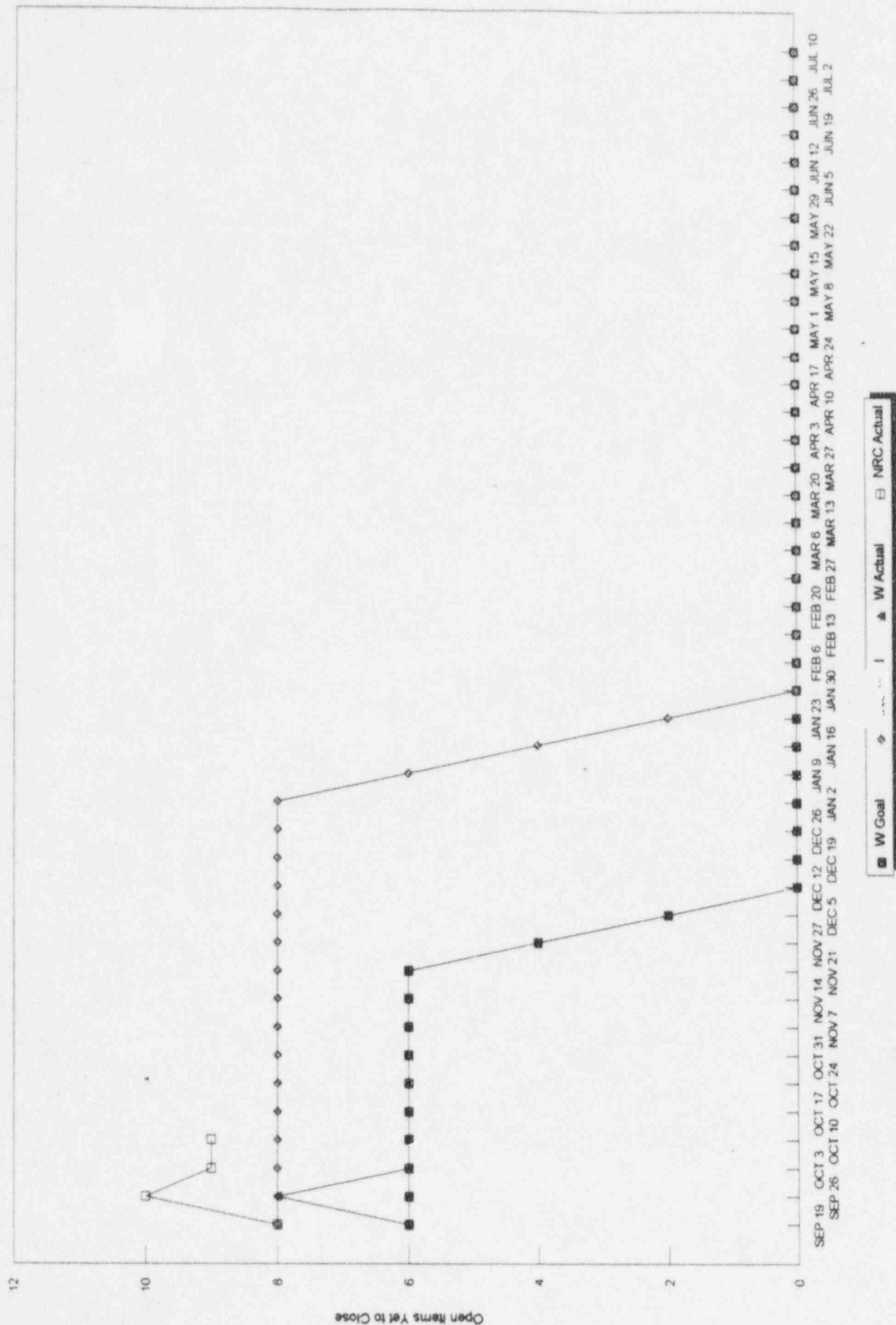
# Open Item Workoff for T/H Uncertainty

10/14/96



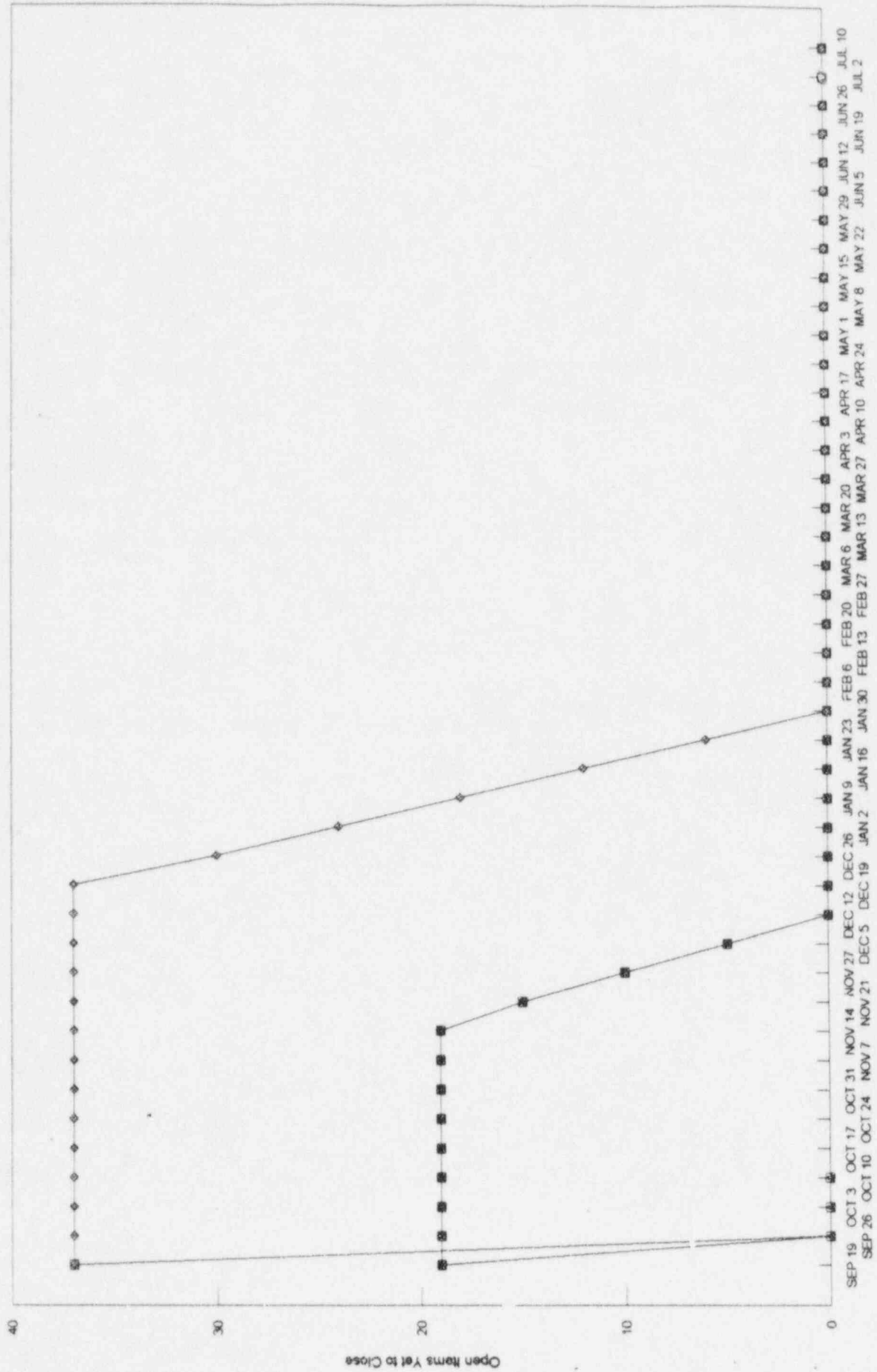
# Open Item Workoff for RTNSS

10/14/96



# Open Item Workoff for Focused PRA

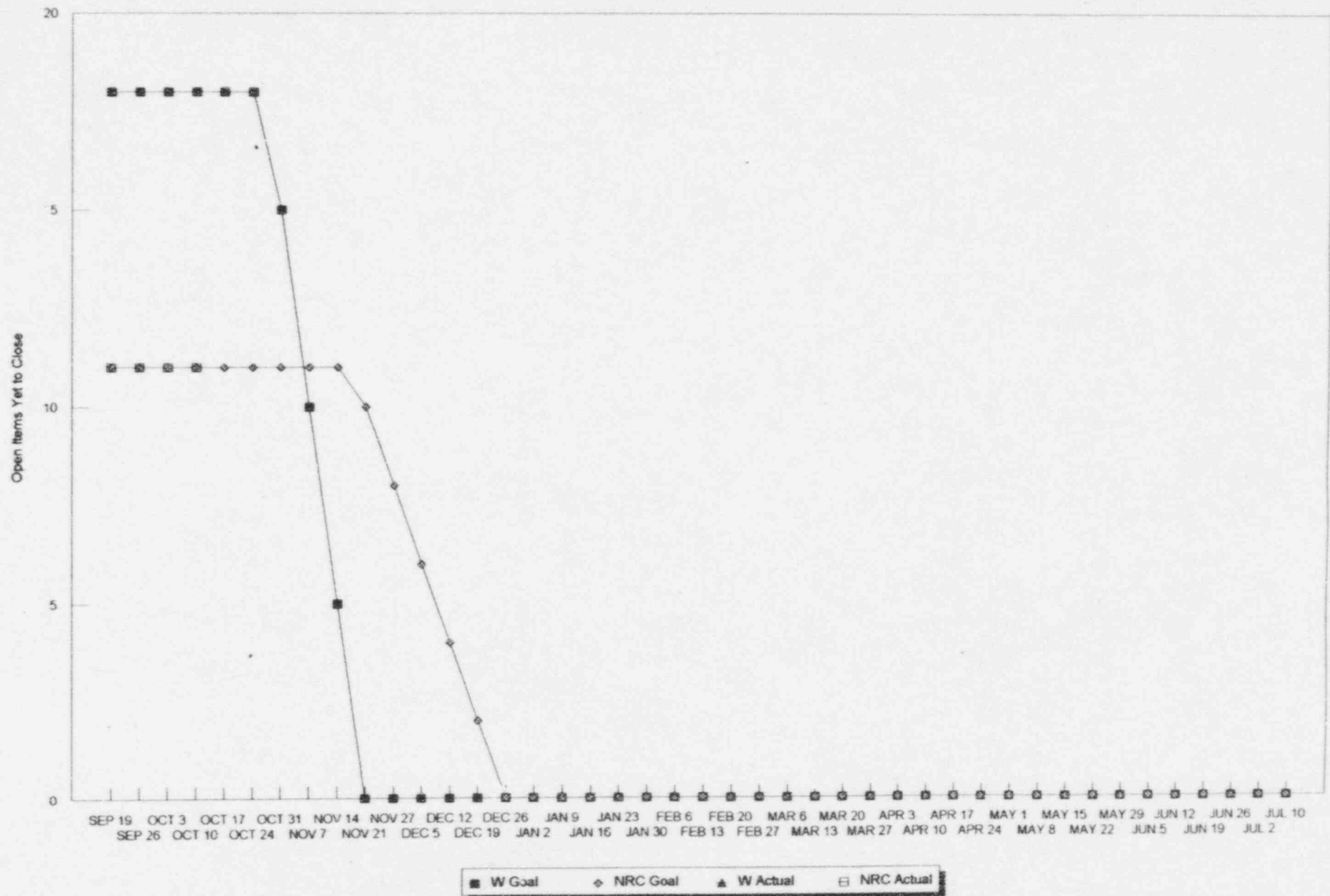
10/14/96



■ W Goal    ◆ NRC Goal    ▲ W Actual    □ NRC Actual

# Open Item Workoff for ITAAC

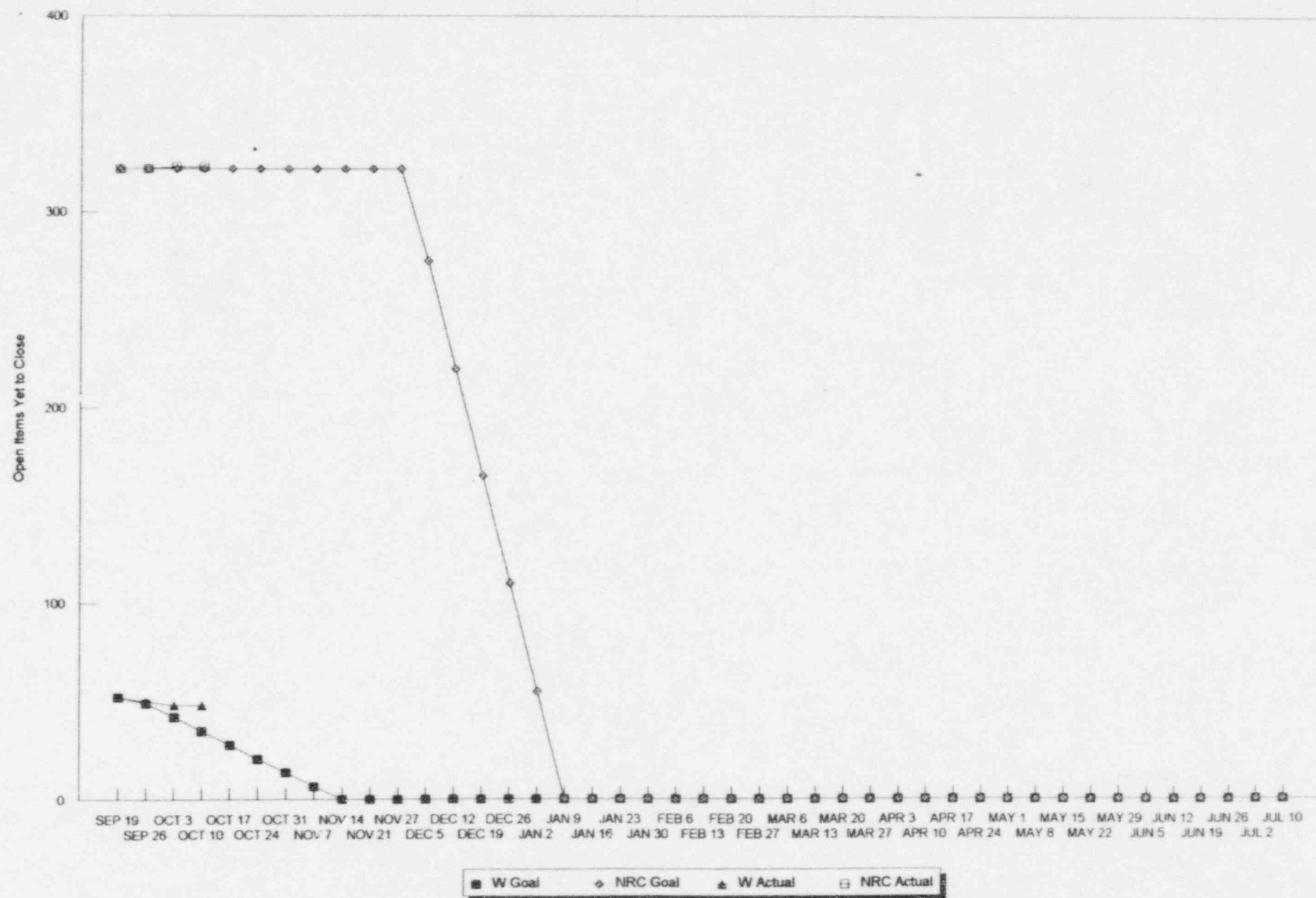
10/14/96





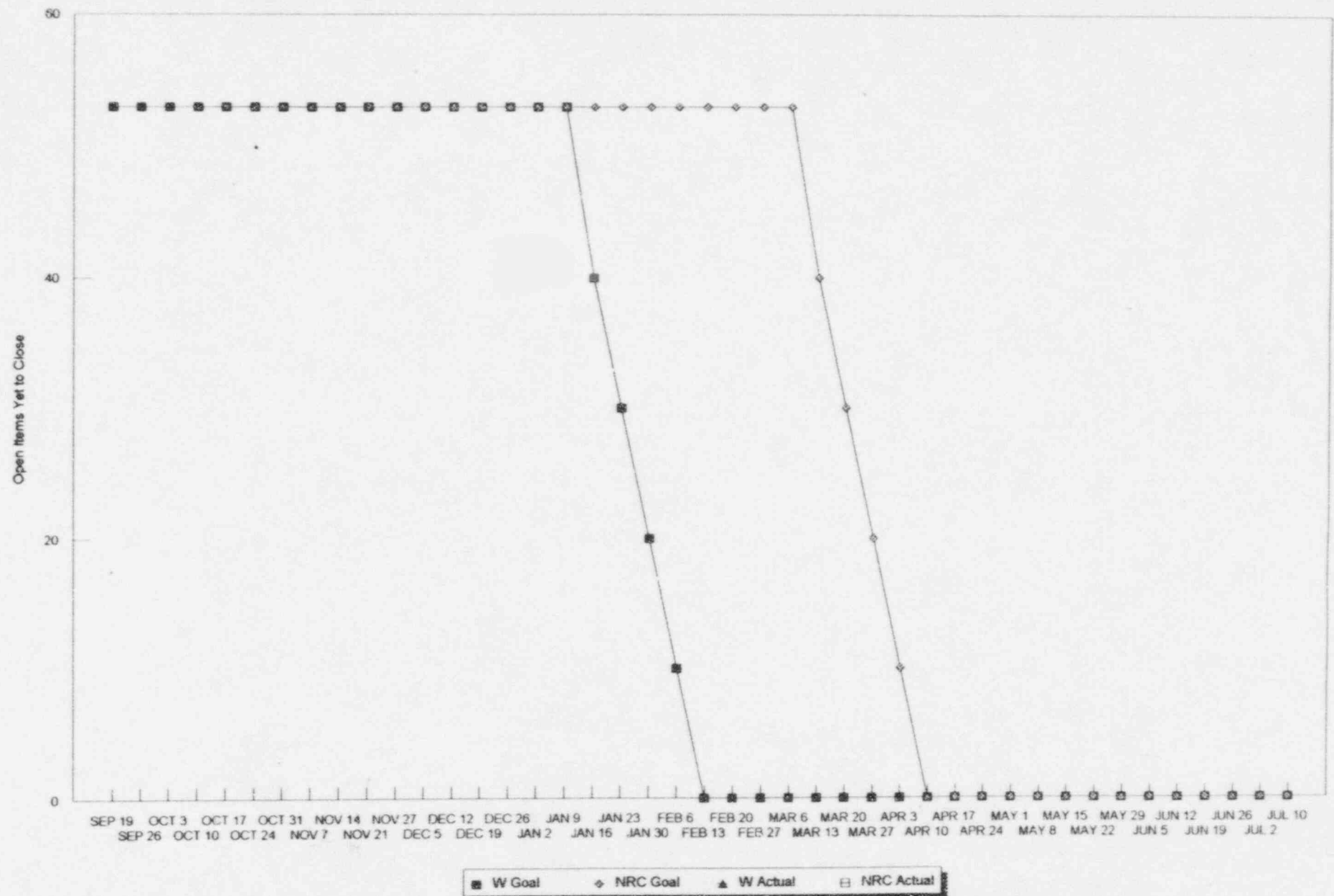
# Open Item Workoff for Test Program

10/14/96



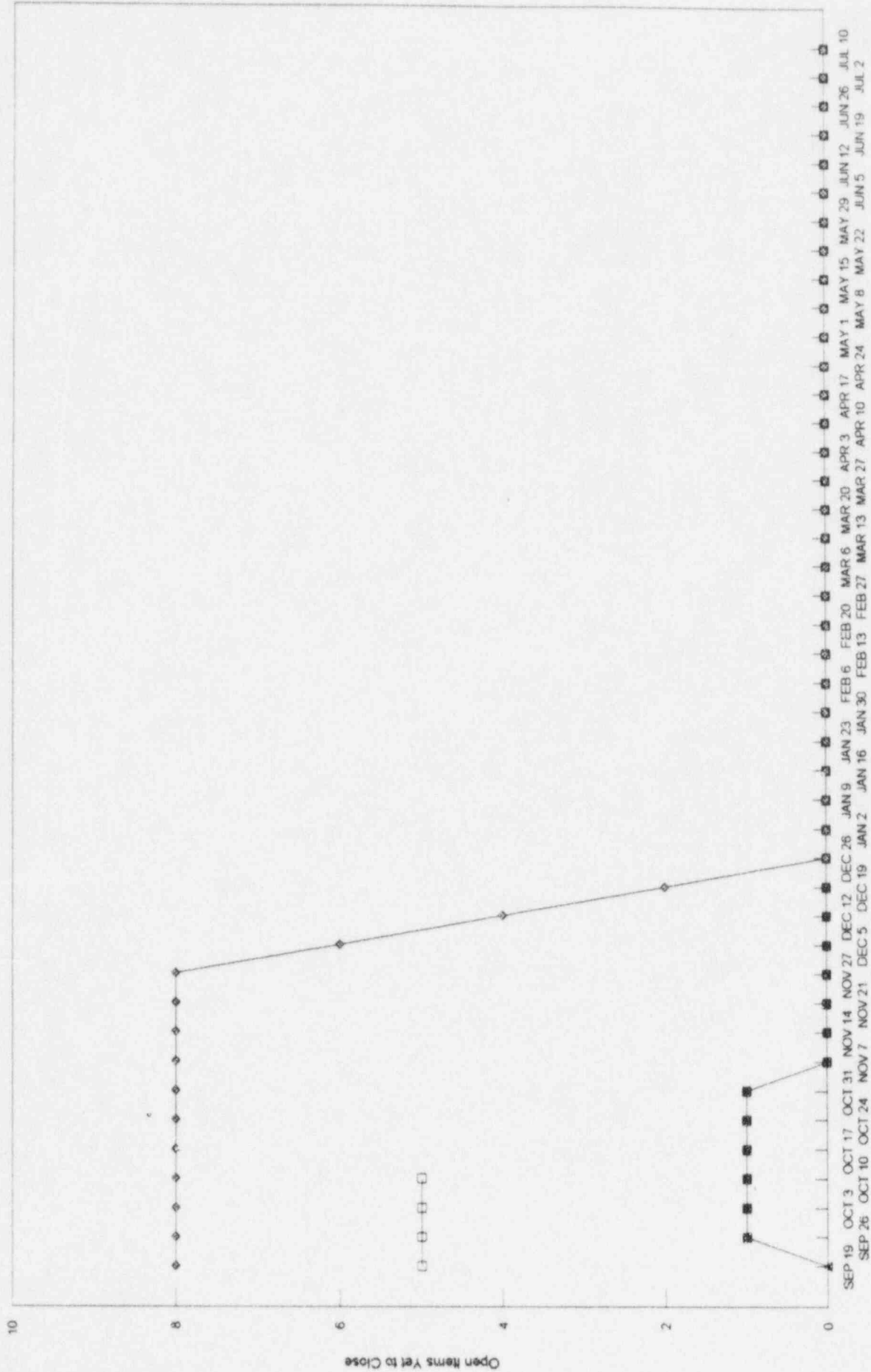
# Open Item Workoff for NOTRUMP

10/14/96



# Open Item Workoff for LOFTRAN

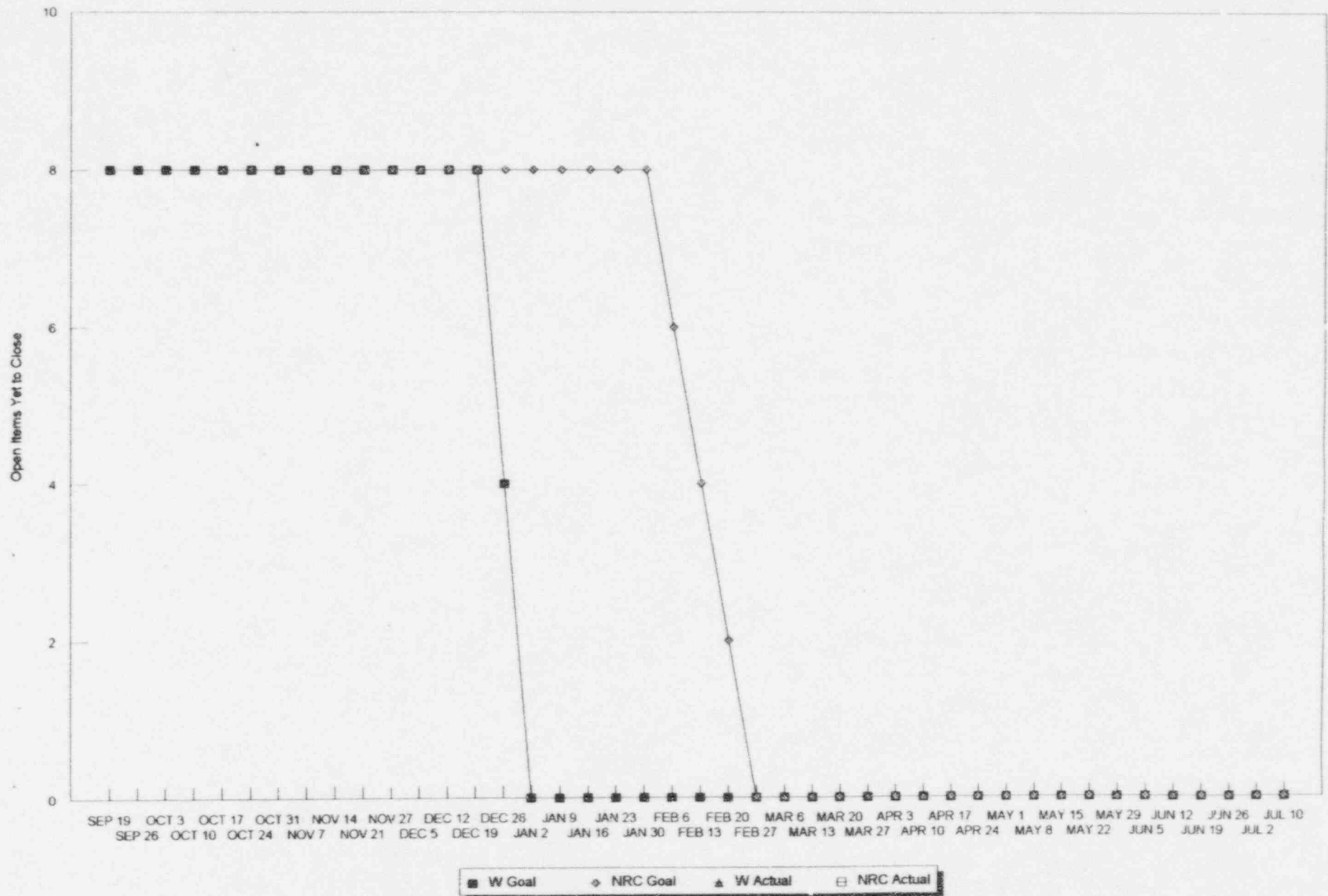
10/14/96



W Goal    NRC Goal    W Actual    NRC Actual

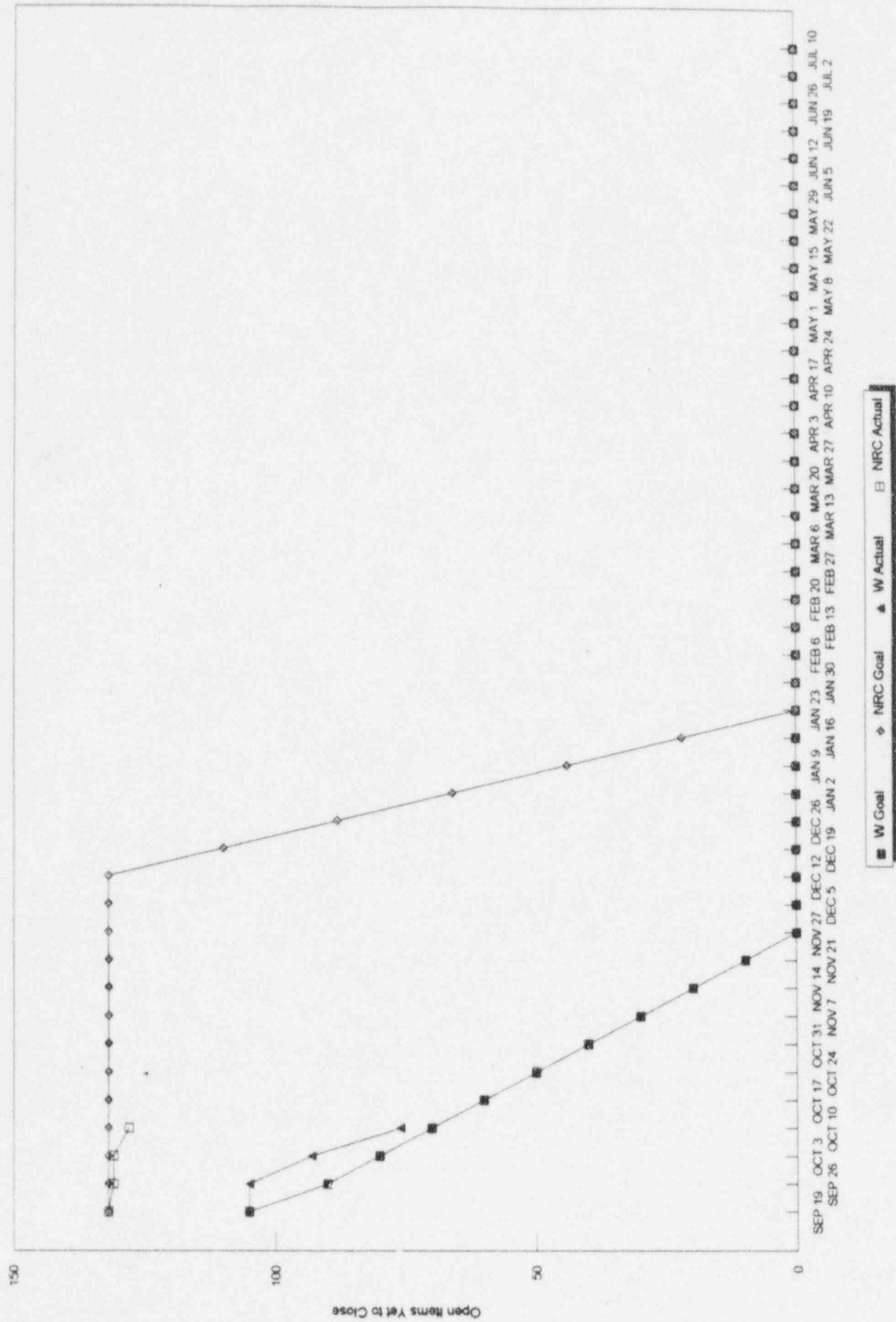
# Open Item Workoff for WCOBRA/TRAC

10/14/96



# Open Item Workoff for WGOTHIC

10/14/96



ATTACHMENT 4  
TO  
NSD-NRC-96-4844

# AP600 SUBMITTAL TRACKING

WEST SUBMIT	DESCRIPTION	NRC RESPONSE
1/22/93	Proprietary information	8/10/95 9/5/96 (partial)
9/23/93	RTNSS (WCAP-13856)	None
11/2/94	Specific time delay in physically based source term	None
6/13/95	AP600 Emergency Response Guidelines (Rev 0)	None
8/9/95	AP600 Emergency Response Guidelines (Rev 1)	None
9/18/95	Proprietary information	9/5/96
9/25/95	AP600 feedwater line LBB load combination	5/2/96
9/28/95	In-vessel retention ROAAM report	5/22/96
12/8/95	MAAP4 benchmarking plan	1/18/96
1/17/96	Seismic margins HCLPF values and methodology	5/30/96 7/29/96
1/23/96	Position paper on in-vessel retention	3/20-21/96 meeting
1/23/96	Key elements of AP600 WGOthic PCS DBA approach	None SDSER ?
1/31/96	AP600 water coverage model	None SDSER?
2/12/96	WGOthic containment model information	None SDSER ?
2/12/96	Accident specifications and methodology and phenomena	None SDSER ?
2/15/96	Conservatism in modeling PCS film	None SDSER ?
2/26/96	Summary of approach to predicting effects of mixing and stratification in containment	Staff waiting applic. report chapter
2/29/96	MAAP4 benchmarking presentation	5/21/96
3/5/96	Adverse Systems Interactions Report (WCAP-14477)	10/3/96
3/14/96	Fan Cooler effectiveness	None
3/21/96	Electrical separation requirements	None
3/26/96	QA requirements for RTNSS SSC's	5/6/96



3/27/96	Fuel grid design	5/8/96 Phonecall
3/29/96	AP600 reactor internals flow induced vibration assessment report	8/20/96
4/1/96	LOCA source term model	None
4/1/96	Additional information on fan coolers	None
4/4/96	Large Break LOCA methodology - Treatment of uncertainties	None
4/4/96	Large Break LOCA PIRT	None
4/12/96	Return of proprietary information	9/5/96 (Partial)
4/12/96	MAAP 4 benchmarking plan	5/21/96
4/12/96	Man-in-the-loop test plan (WCAP-14346)	None Exp (Draft OK)
4/12/96	Programmatic description of the MMI V&V process (WCAP-14401)	None Exp (Draft OK)
4/16/96	Initial test program (3 sample test abstracts)	4/18/96 Mtg
5/1/96	Draft Tech Specs	5/21/96 Mtg
5/1/96	SSAR Revision 7	Partial
5/3/96	MAAP4 Benchmarking	5/21/96
5/3/96	Tech Spec approach	6/6/96
5/9/96	Setpoint methodology (WCAP-14605)	None
5/14/96	Operational Experience Report Draft (WCAP-14645)	8/12/96
5/14/96	Functional Requirements Analysis and Function Allocation Draft (WCAP-14644)	8/8/96
5/14/96	HRA/HRE Integration Plan Draft (WCAP-14651)	7/3/96 Partial
5/14/96	Input for training of HFE V&V personnel Draft (WCAP-14655)	None
5/21/96	PCS film coverage model - Draft report	None
6/8/96	Pilot ITAAC	6/27 DRPM 7/31 SRXB, HICB 8/8 ECGB, EELB
6/17/96	I&C hardware and software V&V process (WCAP-13383, Rev 1)	None
6/28/96	PRA revision 7	9/18/96 -Fire

6/28/96	Draft Tier 1 material	None
7/1/96	SSAR Revision 8	Partial
7/8/96	Use of 5% damping values for piping stress	None
7/8/96	Security Design report and vulnerability analysis	None
7/23/96	Steam Explosion ROAAM report	None
7/29/96	T/H uncertainty resolution process	8/27/96 meeting
8/5/96	Position paper on aerosol removal ( $\Lambda = .6/.8$ )	None
8/8/96	Shutdown/Low-power ERGs and background documents (Rev 2, Partial)	None
8/9/96	SSAR Revision 9	Partail
8/22/96	Chapter 18 and NUREG-0711 elements (WCAPs 14695, 14694, 14396, 14690, 14655, and 14401)	None
8/26/96	Policy on SSE ground motion	None
8/29/96	Chapter 18, NUREG-0711 Element 10 (WCAP-14701)	None
8/29/96	Surface areas for aerosol deposition	None
8/30/96	At-power ERG background documents (Rev 1A)	None
9/5/96	SRP compliance (WCAP-13054)	None
9/10/96	WGOthic applications report (WCAP-14407)	9/13/96 phonecall
9/12/96	Operational Assessment Report (WCAP-13559, Rev 1)	None
10/9/96	HRA/HRE Integration Plan (WCAP-14651)	None
10/9/96	Functional Requirements Analysis and Function Allocation (WCAP-14644)	None
10/11/96	AP600 to STS roadmap	None