

Official copy

MAY 21 1993

Docket Nos.: 50-390 and 50-391
License Nos.: CPPR-91 and CPPR-92

Tennessee Valley Authority
ATTN: Dr. Mark O. Medford, Vice President
Technical Support
3B Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Gentlemen:

SUBJECT: MEETING SUMMARY, MAY 13, 1993

This refers to the meeting conducted at the Watts Bar Site on May 13, 1993. The purpose of the meeting was to discuss the status of ongoing and planned activities at Watts Bar. A list of attendees and a copy of your handout are enclosed.

It is our opinion that this meeting was beneficial in that it provided an understanding of the actions you are taking and plan to take with respect to future work at Watts Bar. As discussed in the meeting, your difficulty in meeting schedules for milestone review packages for corrective action programs and special programs is adversely affecting our ability to schedule inspection resources. In addition, we continue to be concerned with your schedule and progress in providing closure packages for NRC inspection items. Addressing both of these issues is imperative in order for us to support your schedule of an early 1994 fuel load date.

In accordance with Section 2.790 of the NRC's "Rules of Practice", Part 2, Title 10, Code of Federal Regulations, a copy of this letter and its enclosures will be placed in the NRC Public Document Room.

Should you have any questions concerning this matter, please contact us.

Sincerely,

(Original signed by E. Merschhoff)

Ellis W. Merschhoff, Director
Division of Reactor Projects

Enclosures:

- 1. List of Attendees
- 2. Handout

cc w/encls: (See page 2)

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MAY 21 1993

Tennessee Valley Authority

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cc w/encls:

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D. Nunn, Vice President,
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W. J. Museler
Vice President, Watts Bar Site
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M. J. Burzynski, Manager
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G. L. Pannell
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TVA Representative
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General Counsel
Tennessee Valley Authority
400 West Summit Hill Drive
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The Honorable Robert Aikman
County Executive
Rhea County Courthouse
Dayton, TN 37321

The Honorable Garland Lanksford
County Executive
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M. H. Mobley, Director
Division of Radiological Health
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150 9th Avenue North
Nashville, TN 37219-5404

A. Harris

bcc w/encls: (See page 3)

MAY 21 1993

Tennessee Valley Authority

3

bcc w/encls:

E. W. Merschhoff, DRP/RII
P. E. Fredrickson, DRP/RII
B. M. Bordenick, OGC
M. S. Callahan, GPA/CA
A. F. Gibson, DRS/RII
B. S. Mallett, DRSS/RII
P. A. Taylor, DRS/RII
G. C. Lainas, NRR
F. J. Hebdon, NRR
L. C. Plisco, OEDO
P. S. Tam, NRR
NRC Document Control Desk

NRC Resident Inspector
U. S. Nuclear Regulatory Commission
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DRP/RII
[Signature]
BLittle.vyg
05/19/93

DRP/RII
[Signature]
PFredrickson
05/19/93

DRP/RII
[Signature]
CrLenjak
05/19/93

ENCLOSURE 1

LIST OF ATTENDEES

NRC

E. W. Merschhoff, Director, Division of Reactor Projects (DRP), Region II (RII)
F. J. Hebdon, Director, Project Directorate II-4, Office of Nuclear Reactor
Regulation (NRR)
A. F. Gibson, Director, Division of Reactor Safety, RII
P. S. Tam, Senior Licensing Project Manager, NRR
P. E. Fredrickson, Chief, Section 4B, DRP, RII
G. A. Walton, Senior Resident Inspector, Watts Bar
K. D. Ivey, Resident Inspector, Watts Bar
J. F. Lara, Resident Inspector, Watts Bar
M. Glasman, Resident Inspector, Watts Bar
W. S. Little, Senior Project Inspector, DRP, RII

TVA, Watts Bar Nuclear Plant

M. O. Medford, Vice President, Technical Support
D. E. Nunn, Vice President Nuclear Projects
W. J. Museler, Site Vice President
D. Keuter, Vice President Operations Service
T. Cosby, Concerns Resolution Program Manager
D. E. Moody, Plant Manager
P. L. Pace, Compliance Licensing Manager
G. L. Pannell, Site Licensing Manager
J. D. Christensen, Site Quality Manager
N. C. Kazanas, Vice President, Completion Assurance
D. L. Koehl, Technical Support Manager
M. Bellamy, Startup Manager
W. Elliott, Engineering Manager
J. Chardos, Project Manager

**TVA/NRC WATTS BAR MANAGEMENT MEETING
THURSDAY, MAY 13, 1993**

AGENDA

- | | |
|---------------------------------------|----------------------------------|
| I. OPENING REMARKS | NRC/TVA-MERSCHOFF/MUSELER |
| II. WATTS BAR SCHEDULE STATUS | TVA-MUSELER/MOODY |
| A. Engineering | |
| B. Modifications | |
| C. Startup | |
| D. Plant | |
| III. FSAR UPDATE | TVA-PANNELL |
| IV. CATD/CLASS C CONCERNS | TVA-COSBY |
| V. COMPLETION ASSURANCE STATUS | TVA-KAZANAS |
| A. QA Assessment | |
| B. Rust Conduit Anchors | |
| VI. CLOSING REMARKS | NRC/TVA-MERSCHOFF/MUSELER |

SYSTEM RELEASES SCHEDULE SUMMARY

-Based upon the April 1993 Recovery Schedule-

* Milestone	System Releases Scheduled W/E 05/12/93	Total System Releases Actual W/E 05/12/93	Delta
Engineering (146 Total)	138	141	+3
Modifications (188 Total)	64	64	--
Maintenance (178 Total)	60	60	--
SPAE I (123 Total)	36	36	--
Start Preop (113 Total)	21	21	--
SUT Complete (141 Total)	27	27	--
SPAE II (142 Total)	27	27	--
Plant Acceptance (143 Total)	26	26	--

NOTE: Revised SPAE I totals.

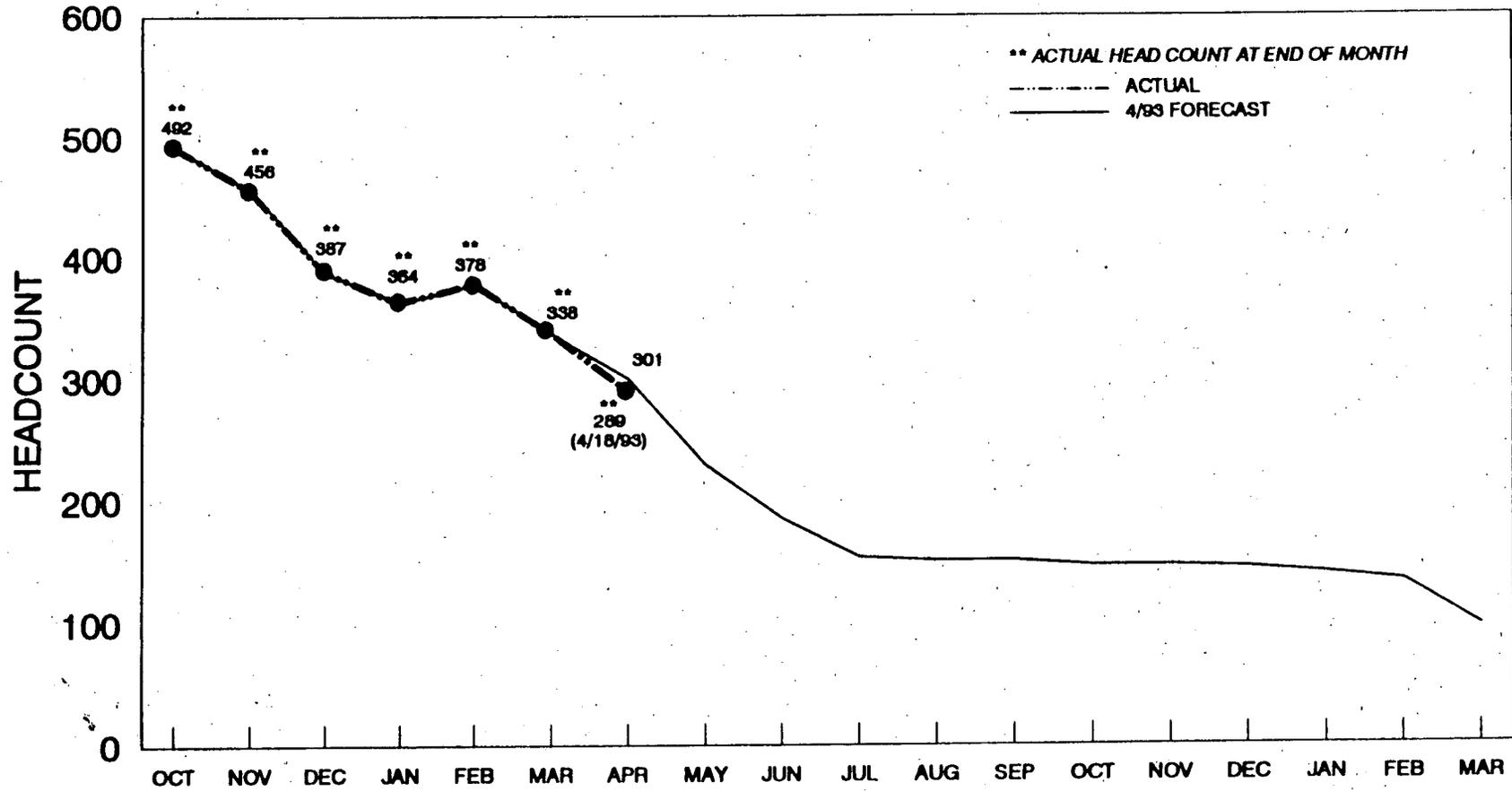
* Milestone totals vary due to subscoping.

April 20, 1993

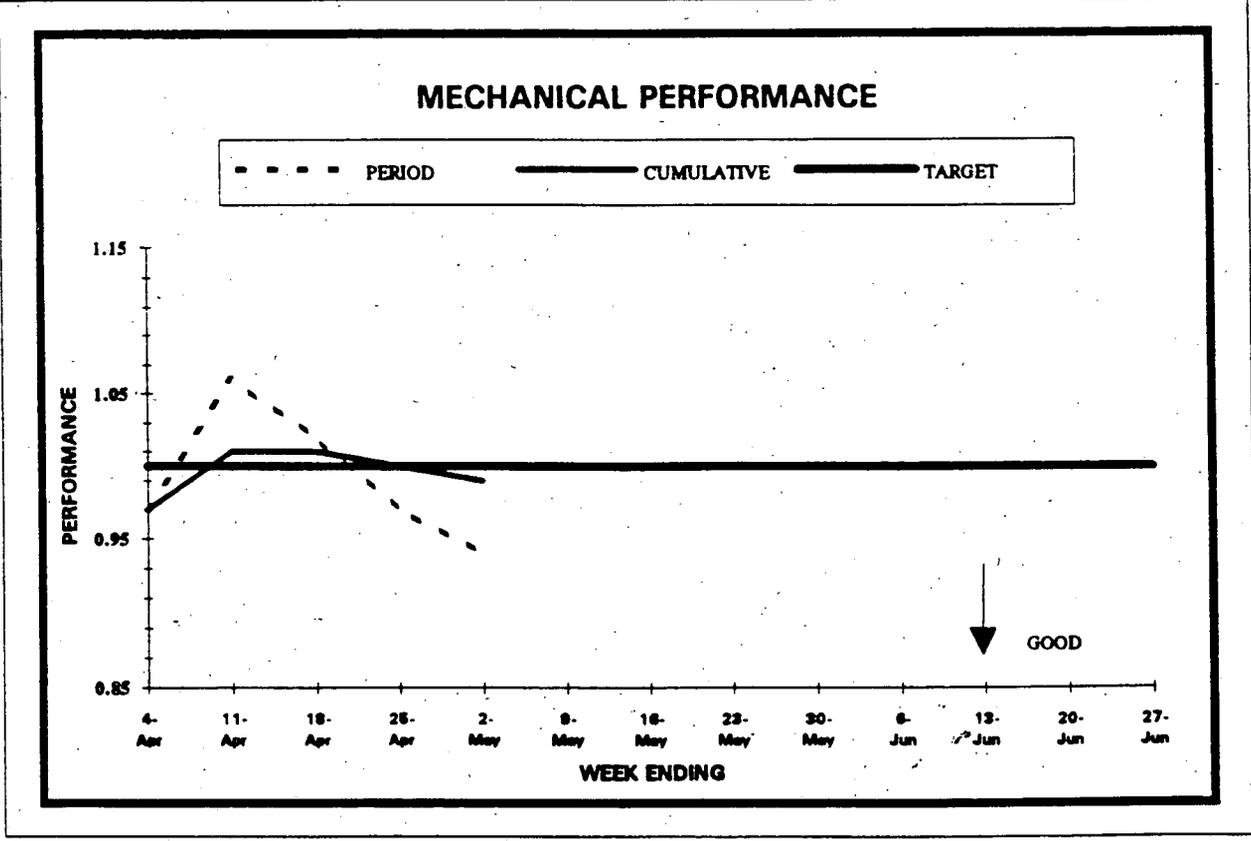
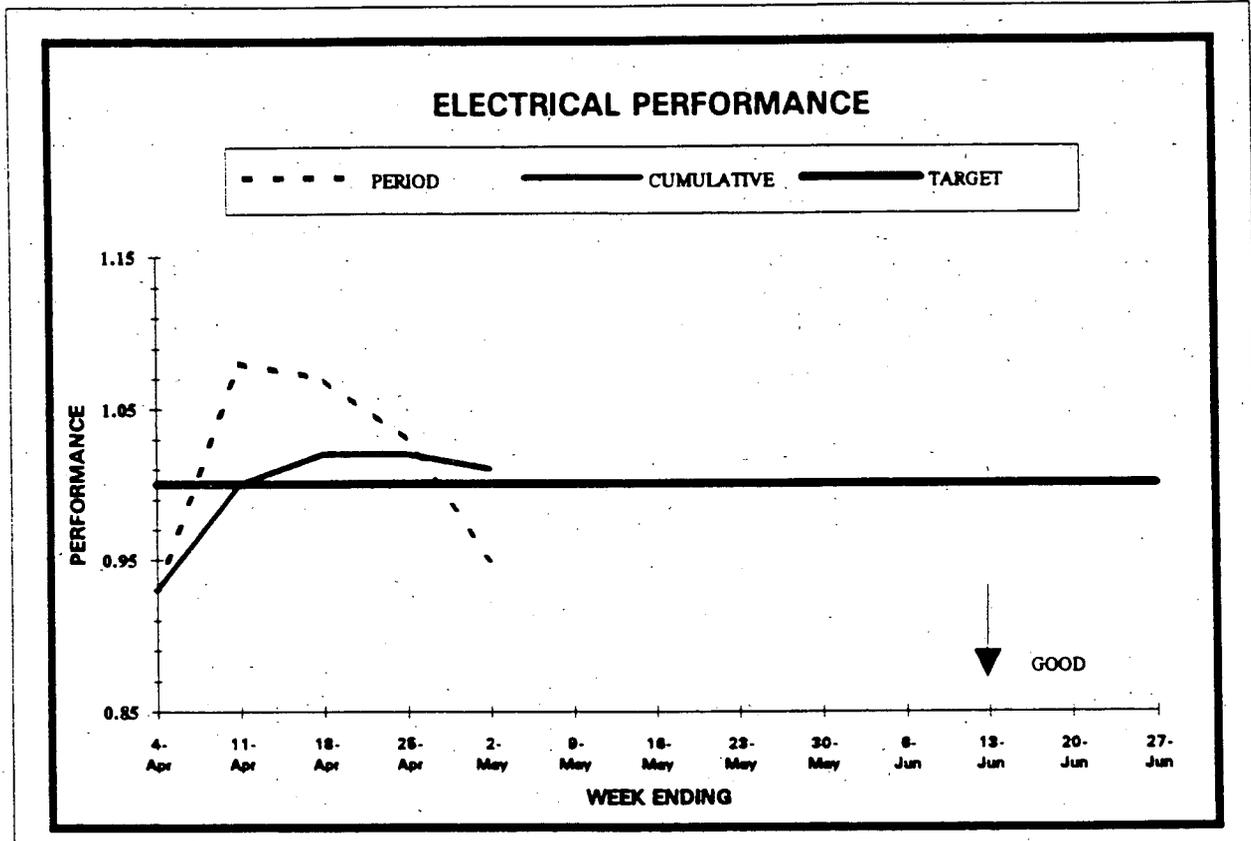
EBASCO ENGINEERING

UNIT - 1 MANPOWER FORECAST

(EXCLUDES TEMPS & INDIRECTS)

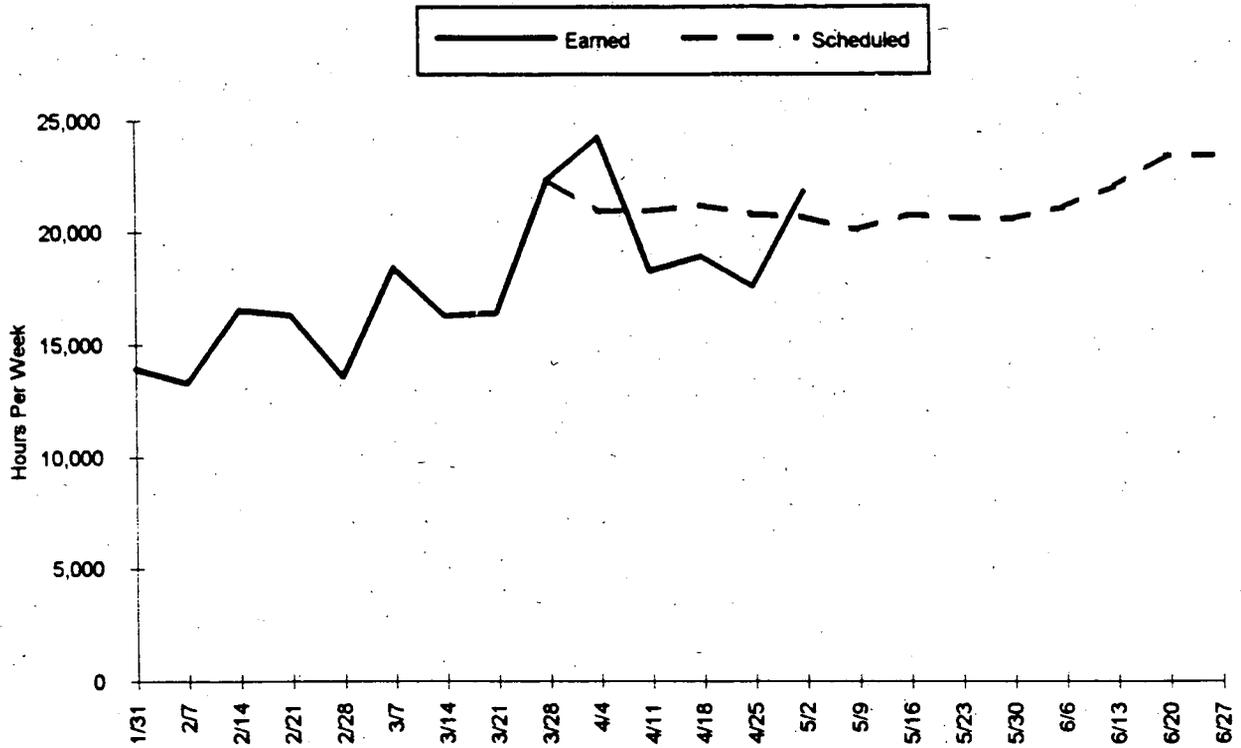


WBN MODIFICATIONS

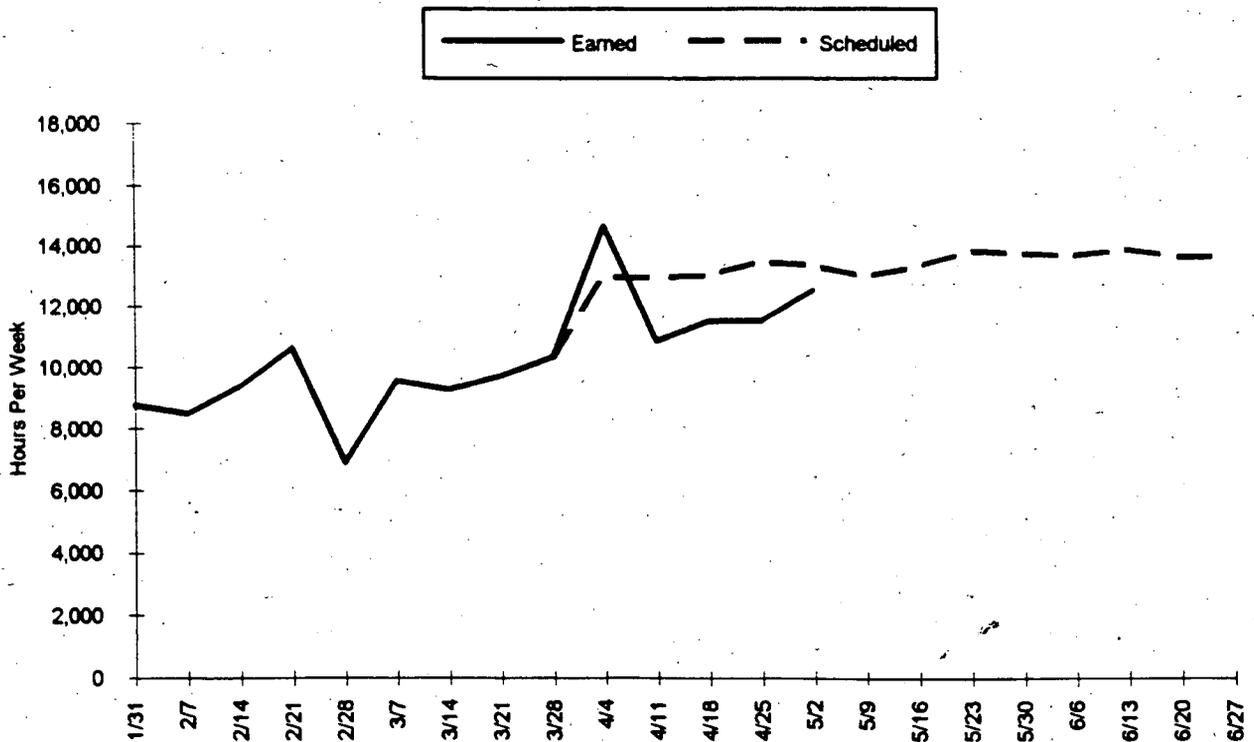


NOTE: The weeks ending 2/28, 3/14 and 3/21 were 32 hour weeks due to inclement weather.

ELECTRICAL TASKS TREND - DIRECT WORK

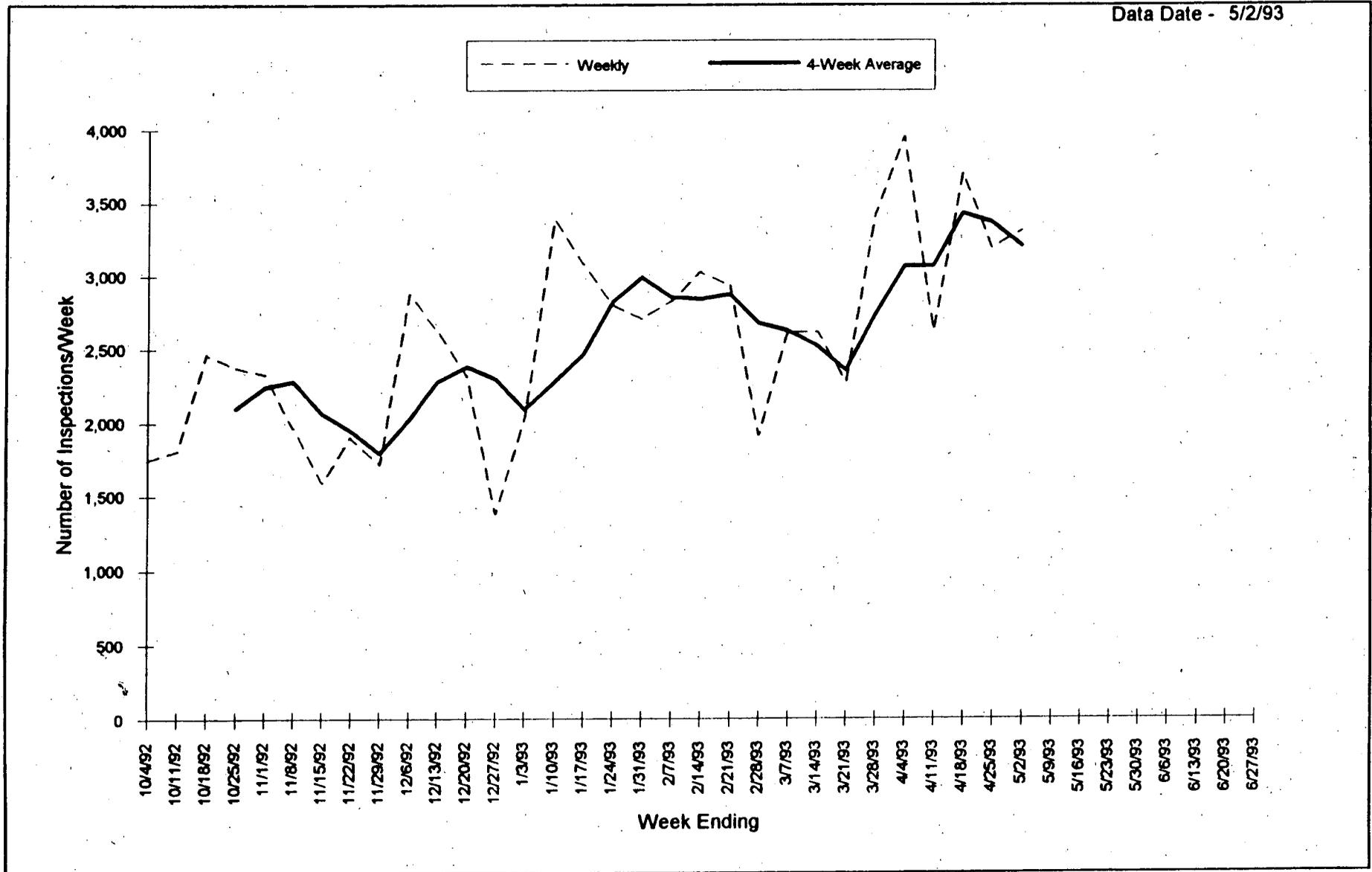


MECHANICAL TASKS TREND - DIRECT WORK



WEEKLY QC INSPECTIONS

Data Date - 5/2/93



STARTUP RESULTS

A. FSAR REVISION

- FSAR Chapter 14 comments resolved with NRR and Region II
- TVA Licensing to submit formal FSAR Chapter 14 update to NRC by 5/21/93

B. TEST PERFORMANCE

- STATUS

- Procedure Development

- 5 Procedures currently in NRC review

- 10 PTIs currently in JTG Review process

- 19 of 35 ATIs approved

- 20 of 151 PTIs approved

- Component Tests

- 7954 tests complete (26.5% of total tests)

- Flushing

- 12 of 49 flushes complete

- System Tests

- 12 of 35 ATIs complete

- 2 ATIs in progress

- 5 of 151 PTIs complete

- 3 PTIs in progress

FSAR UPDATE

STATUS

- **Near-term submittals**
 - **Chapters 4 and 14 - May**
 - **Chapter 8 - June**

- **Chapter reviews/submittals**
 - **Technical versus Administrative/Editorial**
 - **Chapter with significant changes**
 - **Presently Identified**
 - Chapter 12 - Part 20**
 - Chapter 15 - Accident Analysis**
 - Chapter 9 - Systems**

- **Completion of chapter review/submittal**
 - **End of year**

CORRECTIVE ACTION TRACKING DOCUMENTS(CATDs) AND CLASS C CONCERNS

- **Employee Concern Special Program background**
 - **Developed in late 1985**
 - **Evaluated concerns expressed before February 1, 1986**
 - **Approximately 5800 concerns resulted in 1591 CATDs**
 - **Classifications:**

Classification of Concern	Definition
A	Not factual
B	Factual but not requiring C/A
C	Factual but C/A initiated before evaluation
D	Factual and C/A has been or is being taken
E	Identified by ECTG during an employee concern evaluation

- **NRC Inspection Report 50-390, 391/93-24 concerns**
- **TVA (WBN) action**
 - **Include discussion in NOV response due June 8, 1993**

COMPLETION ASSURANCE STATUS

A. ASSESSMENT OF QA EFFECTIVENESS

- **PHASE I (Internal assessment of specific NRC-identified issues)**
 - Utilizing format similar to II process
 - Composed of personnel from NE, MODS, SUT, Plant, and QA
 - Assessment includes impact on records

- **PHASE II (External assessment of overall effectiveness)**
 - Composed of Senior Industry Management personnel
 - Scope
 - Review of corrected action plan
 - Assessment of line and oversight
 - Resources level/allocation
 - Strategy/plan for decision making
 - Aggressiveness/implementation of quality ethics
 - Interface with NRC

- **Additionally - Independent Team looking at NDE activities**
 - Assessment of performance
 - Recent problem/correction actions
 - Anticipated completion - 5/21/93

- **Presentation of results to NRC - 6/18/93**

COMPLETION ASSURANCE STATUS

B. RUST PULLMAN CLEVELAND CONDUIT ANCHORS

- **QC identified problem of undersized anchor bolts**
- **QA promptly issued Stop Work Order on typical anchor bolt installations/cable pulling**
- **FIR issued by QA**
- **Apparent cause - lack of understanding of detail requirements**
- **QA determined extent limited to RPC**
- **Detail data (e.g., location) being collected for Engineering disposition**
- **No release to resume work until root cause analysis complete**