

May 16, 1988

Docket Nos. 50-445
and 50-446

MEMORANDUM FOR: Christopher I. Grimes, Director
Comanche Peak Project Division
Office of Special Projects

FROM: James H. Wilson, Assistant Director
for Projects
Comanche Peak Project Division
Office of Special Projects

SUBJECT: SUMMARY OF MAY 12, 1988 MEETING WITH TU ELECTRIC

At a meeting held on May 12, 1988 in Rockville, Maryland, NRC staff met with TU Electric to discuss a design change involving the backup meteorological monitoring tower at Comanche Peak Steam Electric Station. A list of attendees is provided as Enclosure 1. TU Electric is seeking the staff's approval for relocation of the backup met tower in order to resolve certain emergency planning open issues (Enclosure 2 contains the slides presented at the meeting). Open issues 445/8807-02 and 446/8806-02 concern data recovery in that the applicant has not been able to demonstrate long-term joint data recovery greater than 90%. Open issues 445/8333-70 and 445/8317-70 concern representativeness in that the applicant has not been successful in conducting a real-time comparison of 10-meter data from the backup tower with similar data from the primary tower. Relocation of the backup tower from its current location 3/4 mile west of the primary tower to the proposed location about 75 feet east of the primary tower would facilitate calibration, repairs and maintenance and would serve to enhance reliability and data recovery. The proposed relocation so that the primary and backup towers are in close physical proximity to each other would also likely result in better comparisons of real-time data.

TU Electric's current schedule calls for engineering design completion by June 15, 1988 with construction to be completed by July 31, 1988. Amendment 72 to the FSAR, to be submitted July 1, 1988 will describe the change in location of the backup tower. NRC headquarters staff will review the FSAR change, prepare input to an SSER and coordinate with RIV staff to ensure that the emergency planning open issues are resolved.

(original signed by)

James H. Wilson, Assistant Director
for Projects
Comanche Peak Project Division
Office of Special Projects

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PDR
F

- Enclosures:
1. List of Attendees
 2. Slides presented at meeting

cc: See next page

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05/16/88

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05/16/88



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

May 16, 1988

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and 50-446

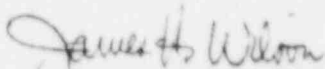
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2. Slides presented at meeting

cc: See next page

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Texas Utilities Electric Company

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Comanche Peak Steam Electric Station
Units 1 and 2

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- 2 - Comanche Peak Electric Station
Units 1 and 2

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ENCLOSURE 1

List of Attendees at Meeting Between NRC Staff
and TU Electric Held on May 12, 1988

NRC

J. H. Wilson
I. Spickler

TU ELECTRIC

R. Walker
D. Woodlan
J. Redding
C. Creamer
S. Johnson
J. Hwang
R. Berk
P. Lilleston

STONE & WEBSTER

A. Kaspiar

ENCLOSURE 2

PRESENTATION

OF

COMANCHE PEAK STEAM ELECTRIC STATION

METEOROLOGICAL SYSTEM MODIFICATIONS

MAY 12, 1988

AGENDA

- **INITIATING EVENTS**
- **STATUS OF OPEN ITEMS**
- **DETAILS OF SYSTEM MODIFICATIONS**
- **FSAR CHANGE**
- **SUMMARY**

INITIATING EVENTS

- **EMERGENCY PLANNING OPEN ISSUES**

- **DATA RECOVERY**

- 445/8807-02

- 446/8806-02

- **REPRESENTATIVENESS**

- 445/8333-70

- 446/8317-70

EMERGENCY PLANNING OPEN ISSUES

- **DATA RECOVERY**

445/8807-02

446/8806-02

- **STATEMENT OF CONCERN**

**LICENSEE HAS NOT RECENTLY
DEMONSTRATED LONG TERM
(12 MONTH) JOINT DATA RECOVERY
OF GREATER THAN 90%**

EMERGENCY PLANNING OPEN ISSUES

- **DATA RECOVERY**

445/8807-02

446/8806-02

- **RESOLUTION OF CONCERN**

PROGRAM ESTABLISHED JAN. 1988

HAS RESULTED IN GREATER THAN 98%

DATA RECOVERY THROUGH APRIL 1988

EMERGENCY PLANNING OPEN ISSUES

- **REPRESENTATIVENESS**

445/8333-70

446/8317-70

- **STATEMENT OF CONCERN**

**PROVIDE A REAL-TIME COMPARISON OF
10 METER DATA FROM THE BACK UP TOWER
WITH SIMILIAR DATA FROM THE PRIMARY TOWER**

EMERGENCY PLANNING OPEN ISSUES

- **REPRESENTATIVENESS**

445/8333-70

446/8317-70

- **RESOLUTION OF CONCERN**

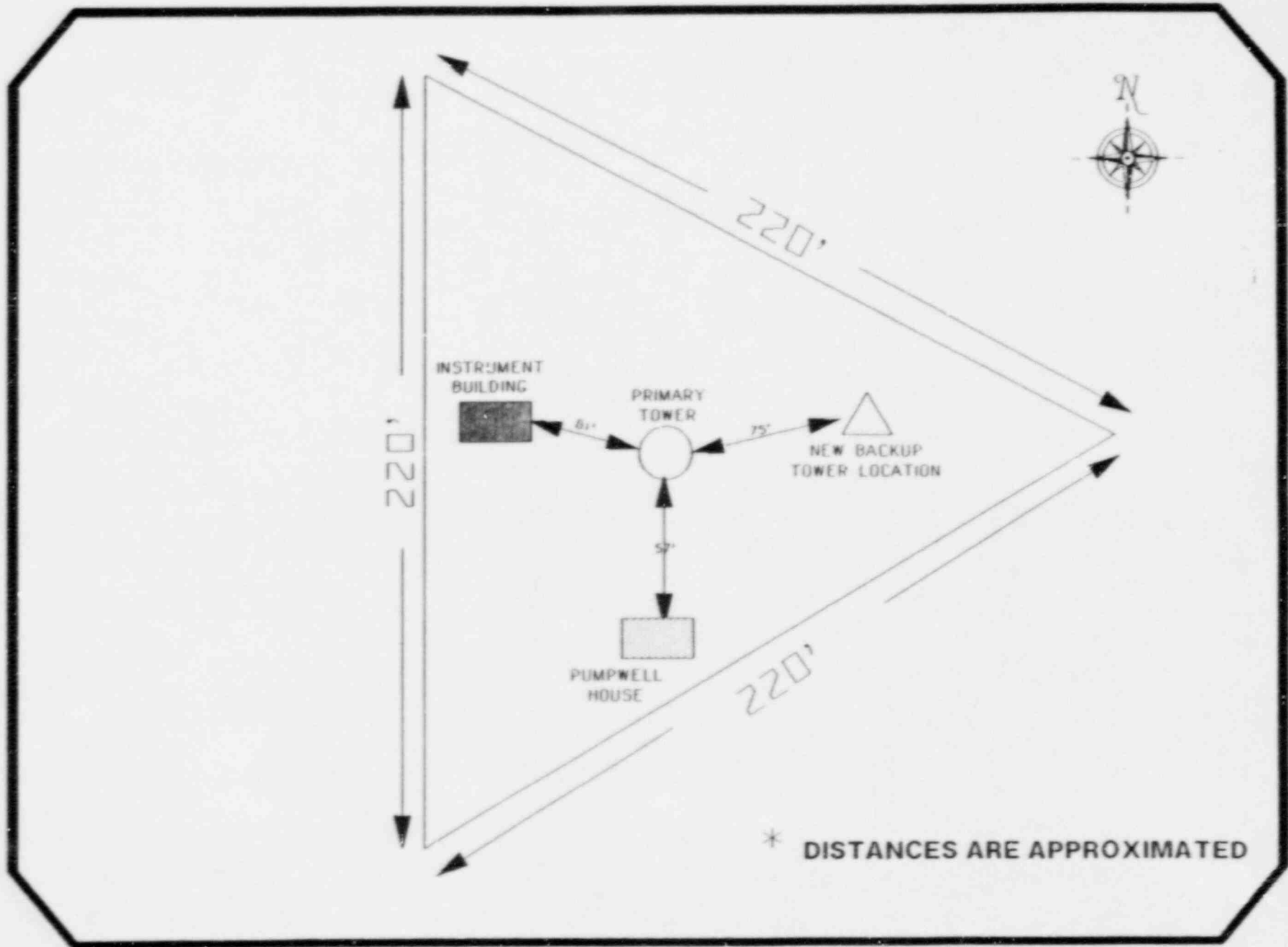
**RELOCATION OF BACK UP TOWER NEAR
THE PRIMARY TOWER WILL PROVIDE DATA
WHICH ADDRESSES THIS CONCERN**

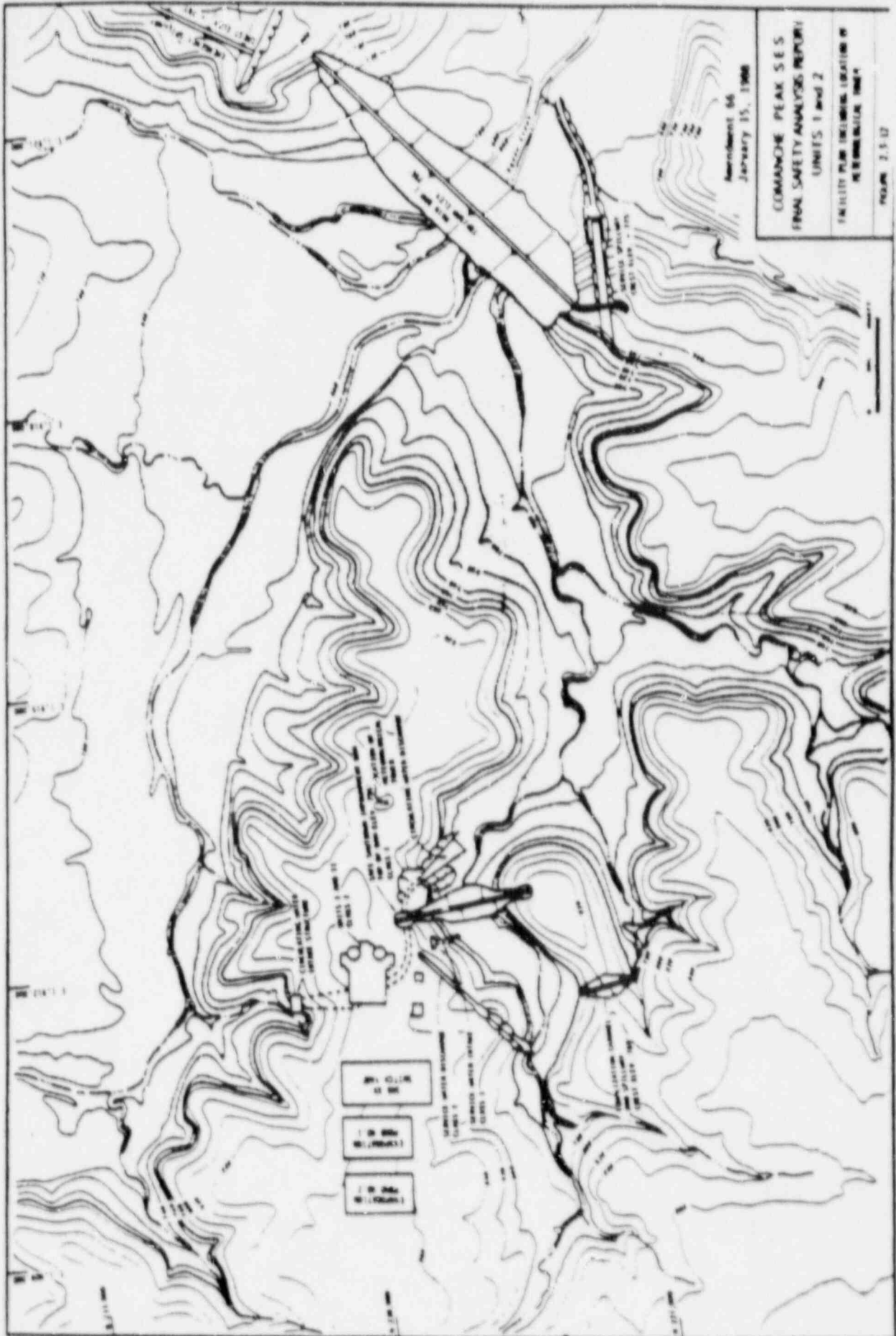
DETAILS OF SYSTEM MODIFICATIONS

- **NEW BACKUP TOWER LOCATION**
- **TOPOGRAPHICAL CHARACTERISTICS**
- **AREA PROTECTION**
- **INSTRUMENTATION**
- **ENGINEERING AND CONSTRUCTION SCHEDULE**

NEW BACKUP TOWER LOCATION

- **APPROXIMATELY 75 FT. ENE OF
THE PRIMARY TOWER**
- **WITHIN PRIMARY TOWER PERIMETER**





Amendment 04
January 15, 1988

COMANCHE PEAK S.E.S.
FINAL SAFETY ANALYSIS REPORT
UNITS 1 and 2
FACILITY PLAN (ELEVATION LOCATIONS BY
HEMISPHERICAL TONNAGE)

FIGURE 2.5.12

TOPOGRAPHICAL CHARACTERISTICS

- **CONSISTENT TOPOGRAPHY**
- **REPRESENTATIVE DATA**

AREA PROTECTION

- **WITHIN PLANT SECURITY AREA**
- **BARRICADED PERIMETER**

INSTRUMENTATION

- **CONTROLLED ENVIRONMENT**
- **MINIMIZED TEMPERATURE DRIFT**
- **IMPROVED OPERATIONAL EFFICIENCY**

ENGINEERING AND CONSTRUCTION SCHEDULE

- **ENGINEERING DESIGN
COMPLETION DATE** **JUNE 15, 1988**

- **CONSTRUCTION
COMPLETION DATE** **JULY 31, 1988**

FSAR CHANGE

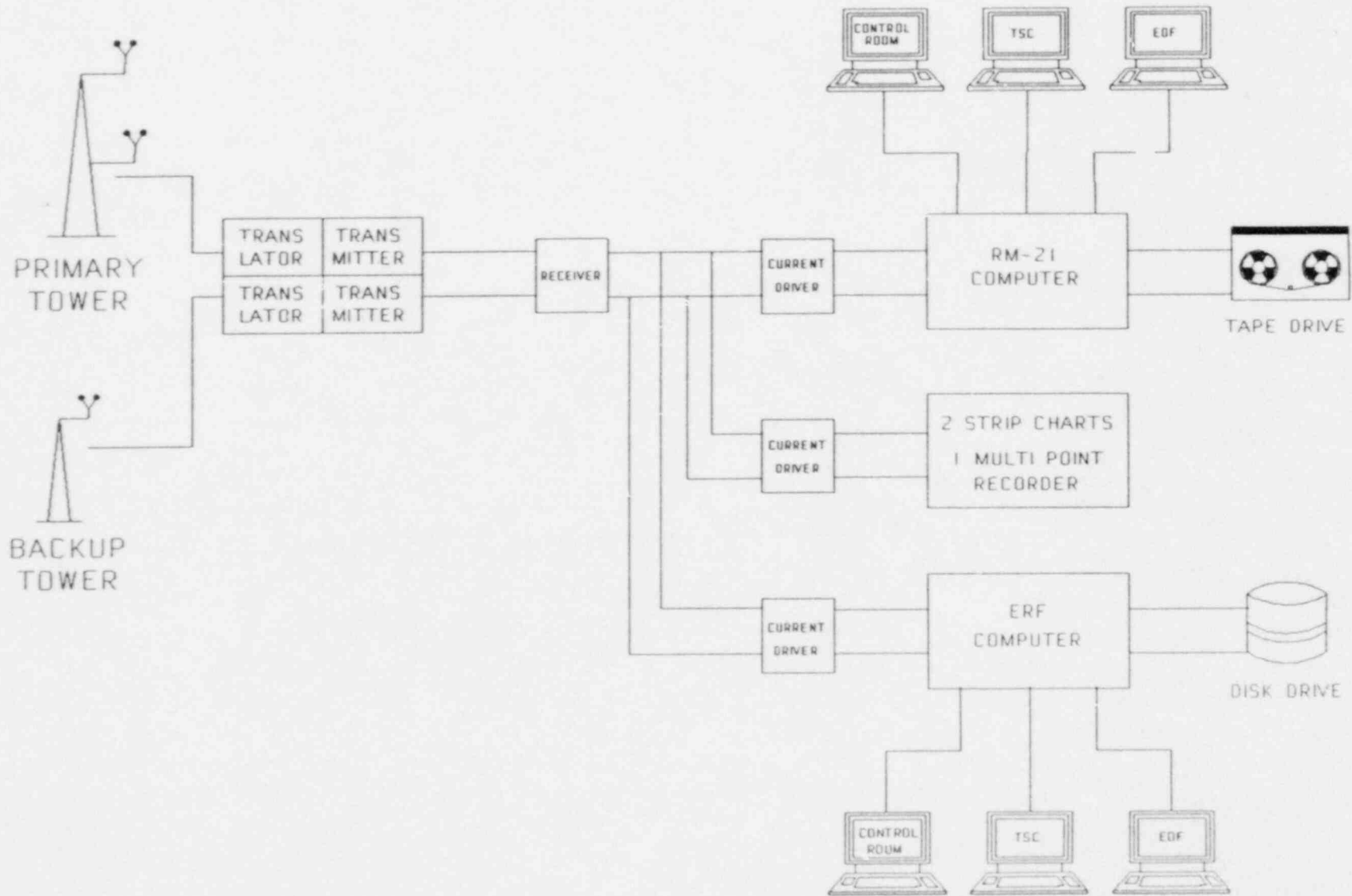
- **REVISE COMMITMENT FROM R.G. 1.23
(SEPT. 1980) PROPOSED REVISION 1
TO R.G. 1.23 (APRIL 1986) SECOND
PROPOSED REVISION 1**

SUMMARY

**AFTER THE COMPLETION OF THESE
MODIFICATIONS, TU ELECTRIC EXPECTS:**

- **TO RESOLVE COMPLETELY THE CONCERNS
OF THE NRC REGARDING DATA RECOVERY
AND REPRESENTATIVENESS, AND**
- **FURTHER IMPROVEMENTS TO SYSTEM
PERFORMANCE, OPERATION, AND
MAINTAINABILITY**

NEW CPSES METEOROLOGICAL SYSTEM



CURRENT CPSES METEOROLOGICAL SYSTEM

