



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

JL - 5 1989

MEMORANDUM FOR: C. I. Grimes, Director  
Comanche Peak Project Division  
Office of Nuclear Reactor Regulation

FROM: R. F. Warnick, Assistant Director  
for Inspection Programs  
Comanche Peak project Division  
Office of Nuclear Reactor Regulation

SUBJECT: COMANCHE PEAK CHRONOLOGY FOR 1989

The 1989 Comanche Peak chronology for April, May, and June is enclosed. If you recognize any significant activities that we have failed to include in the chronology, please let me know and we will add them.

*RF Warnick*

R. F. Warnick, Assistant Director  
for Inspection Programs  
Comanche Peak Project Division  
Office of Nuclear Reactor Regulation

Enclosure: Comanche Peak Chronology

cc w/enclosure:  
RMartin, RIV  
JCallan, RIV  
PMcKee  
JLyons  
JWilson  
HLivermore  
JWiebe

Information in this record was deleted  
in accordance with the Freedom of Information  
Act, exemptions 6  
FOIA: 89-445

9002060090 900130  
PDR FOIA  
BAUMAN89-A-34 PDR

*Released 2 items under  
appeal FOIA-89-A-34  
Continue to deny portion on one item*

*B/b*

COMANCHE PEAK CHRONOLOGY - 1989

- 4/3 Warnick, Livermore, and Stanish met with Finneran and Fonseca to discuss TUE findings on welding fit-up sampling and proposed TUE actions. TUE proposed QC inspection of ASME future "hard" fit ups. NRC felt that was a minimal commitment. TUE had not reviewed the results of surveillances.
- 4/4 NRC exit. Earlier in the day the NRC held a practice dry run.
- 4/5 TUE began the HFT.
- 4/5 Livermore and Birmingham met with TUE to discuss an SDAR on cable tray butt welds.
- 4/5 Warnick, Wiebe, Bitter, Runyan, and Latta attended the RIV resident inspector seminar.
- 4/6 Staff Meeting.
- 4/6 Conference call with Crutchfield & HQ staff.
- 4/6 Meeting in HQ between TUE and NRC to discuss the proposed deletion of the natural circulation preop test.
- 4/6 Meeting in HQ between TUE and NRC to discuss TUE proposed changes (reduction) to the power ascension testing program.
- 4/6 Warnick, Livermore, Stanish, and Graham met with Hogg and Fonseca to discuss TUE's review of 4950 pipe support reconciliations.
- 4/7 Warnick, Livermore, Phillips, Latta, and Burris met with Hogg, Scanlon, Guldemond and others on the AFW bolt issues.
- 4/7 Livermore, Burris, and Phillips met with Guldemond on the DG fuel oil tanks.
- 4/7 Livermore and Runyan met with Muffet and others to discuss proposed changes to HVAC procedures.
- 4/7 Warnick and Livermore met with Streeter to discuss QA organizational changes and actions to improve the emphasis on quality.

- 4/10 Entrance meeting for the second team inspection of the PCHVP/CAP led by Norkin.
- 4/10 Warnick, Livermore, and Phillips met with Hogg, Muffet and Guldemond to discuss the Station Service Water and Code V procurements.
- 4/10-12 Lyons and DeGrassi onsite for DG review. No exit.
- 4/10-12 Ron Caldwell and Barry Manili were onsite to look at facility security.
- 4/10-13 Norkin onsite for second CAP team inspection. Exit on 4/13. Some follow-up inspection effort took place through 4/21.
- 4/12 Warnick, Wiebe, and Burris met with C. Scott and D. Daly to discuss the change in Startup management.
- 4/12 Warnick met with Burner to discuss the performance of a superintendent who was the subject of an allegation.
- 4/12 Warnick, Wiebe, and Burris attended a meeting between Caldwell (RIV) and Manili (NRR) and Cahill, Bruner, Scott, and other TUE management to discuss security lockdown.
- 4/13 Staff meeting.
- 4/13 Warnick attended the TUE meeting to discuss the yellow book.
- 4/13 Exit meeting for the second CAP team inspection by the NRC. A pre-exit meeting was held.
- 4/13 Dry run for [REDACTED] qualification board examination.
- 4/14 Warnick attended the TUE Senior Management meeting.
- 4/14 Warnick and Livermore met with Dave McAfee to discuss surveillances by QA.
- 4/17 John Whittemore of RIV was onsite. No exit.
- 4/17 Bruner met with Phillips to discuss the SSW coating removal issues. Warnick and Livermore attended.
- 4/17 Jack Hicks and Calder met with the NRC to provide an update on the status of DCA/CRs.

- 4/17-21 Inspection of environmental protection by Blair Nicholas (RIV). The entrance and exit were attended by Warnick.
- release* 4/17-28 Runyan to NDE school I
- 4/17-20 Burris in HQ for NRR industry meeting.
- 4/18 TUE met with the NRC to discuss construction engineers originating DCAs in HVAC.
- 4/18-19 Warnick in RIII to teach one segment of the Fundamentals of Inspection training course.
- 4/20 Staff meeting.
- 4/20 Peter Stevens met with Warnick, Livermore, and others to brief the NRC on Engineering Acceptance Procedure walkdowns (EAPs).
- 4/20 TUE met with Warnick, Livermore, and others to discuss NF supports.
- 4/20 Warnick met with Jim Kelley to discuss operations/NRC interface and the value of a periodic meeting (perhaps monthly).
- 4/21 Warnick and Livermore met with Cahill, Bruner, and Scott to discuss current topics.
- 4/21 Muffett, Hogg, and Harrison met with Warnick, Livermore, and Stanish to discuss the recently identified problem of containment liner attachment welds not being magnetic particle tested.
- 4/21 Terry Tyler and Guldemond met with Warnick and Livermore to discuss projected staffing levels at fuel load.
- 4/21 Warnick and Livermore met with Streeter and Deviney to discuss surveillances.
- 4/24 TUE met with Warnick, Livermore and others to discuss the negative findings of some recent walkdowns and surveillances.
- 4/24 TUE conducted the VT2 hot hydro test of the RCS.
- 4/24-27 C.C. Williams onsite for VT-2 test.

- 4/25-27 Bitter at South Texas to observe an emergency drill that involved participation by RIV.
- 4/26 C.C. Williams, Livermore, and Hale met with Mike Skaggs and others to discuss the VT-2 Heise gage calibration error.
- 4/26-27 McKee and Lyons onsite for an allegation review committee meetings.
- 4/27 Conference call with Crutchfield and HQ.
- 4/27 Staff meeting.
- 4/27 Allegation Review committee meeting.
- 4/27 Williams and Warnick met with Skaggs and others of TUE to discuss the process for gathering and submitting ASME NIS2 forms.
- 4/27 Warnick, Livermore, and Wiebe met with Joe Donahue and others to discuss the AFW check valve backleakage event.
- 4/28 Warnick met with John French, Warren Nye, and another consultant to answer questions concerning TU Electric work and NRC perceptions.
- 4/28 The NRC walked down part of the AFW system piping to observe evidence of check valve backleakage.
- 4/28 Warnick, Livermore, and Phillips met with Lowe, Streeter, Jenkins, Guldemon, Heatherly, and others to discuss Phillips concerns with Code V procurements.
- 5/1 Warnick attended the TUE transition team meeting.
- 5/1 Warnick, Wiebe, and Burris met with A. Scott to discuss operations topics.
- 5/1 Warnick and Livermore met with Muffet and Guldemon on TUE's response to the SWEC design calc violations.
- 5/1 Warnick, Livermore, and Phillips met with Jenkins, Streeter, Guldemon and others on Code V procurement findings.
- 5/1-2 Crutchfield, McKee, and Quay were onsite for a plant tour meetings with TUE and the NRC staff.
- 5/1-12 *Release* [Latta to welding inspection school.]

- 5/2 NRC exit meeting for the April inspection. A pre-exit dry run was held earlier in the day.
- 5/2 Peter Stevens met with Livermore and Stanish to discuss questions on the EAPs.
- 5/2-5 Dean Chaney (RIV) was onsite for a Radwaste/Rad Prot inspection - Wiebe attended the exit on 5/5.
- 5/3 Crutchfield, McKee, Quay, and Warnick met with Martin, Callan, Milhoan, Montgomery, and Beach to discuss future CPSES staffing and the transition from NRR to RIV.
- 5/3 An AIT was designated to inspect TUE's actions to investigate and correct the AFW check valves exhibiting backleakage.
- 5/4 Warnick, Livermore, Stanish, Runyan, and Dale met with Guldemon and other TUE staff to discuss the HVAC turning vane problems.
- 5/4 Conference call and staff meeting.
- 5/4 Warnick, Livermore, and AIT team members met with Joe Donahue and other TUE staff to discuss the AFW check valve follow-up actions.
- 5/5 Livermore attended the transition team meeting.
- 5/8 Livermore attended the transition team meeting.
- 5/8-9 Warnick was in HQ to attend a TUE/NRC meeting on 5/9 on U-2 completion enhancements.
- 5/8-12 Special QA inspection.
- 5/9 TUE submitted its response to the CASE dispute.
- 5/9 Livermore attended weekly 8 a.m. engineering management meeting.
- 5/10 Livermore attended the TUE transition team meeting.
- 5/11 Staff meeting.
- 5/11 Conference call.
- 5/12 Warnick and Livermore met with Streeter, Guldemon, Muffet or SWEC design calc response.
- 5/12 Some NRC employees were tested by TUE for drug usage.

- 5/15-20 Ron Caldwell and Jim Kelley conducted a security inspection.
- 5/15 Livermore attended the transition team inspection.
- 5/15 Warnick, Livermore, and Runyan met with Guldemond and Dave Barry on MT of containment liner welds by CB&I.
- 5/15 AIT inspection. Daily meeting with TUE task force. Had Nick Fields, Melinda Malloy, and Jai Rajan from HQ onsite to participate. Involving one or more daily meetings with TUE.
- 5/16 Warnick and Hale attended the Senior. QA Overview Committee meeting.
- 5/16 Phillips met with TUE to discuss U-2 SSW coating removal.
- 5/16 Warnick attended the weekly TUE Operational Readiness meeting.
- 5/16 Warnick, Livermore, and Wiebe met with Lance Terry and some of his staff to review plans for which buildings will remain in the protected area after fuel load.
- 5/16 High winds and rain caused evacuation from temporary construction buildings, loss of 1 line of offsite 13.8 kv power, roof to be blown off 45x65 building, and collapse of primary Met tower.
- 5/17 PN on wind (tornado) damage.
- 5/17 RFW to RIV for allegation meeting with Montgomery, Milhoan, and Bill Brown.
- 5/17 Monthly meeting - R. F. Warnick, J. S. Wiebe with Cahill, Bruner, Scott, and Beck.
- 5/18 Staff meeting.
- 5/22 Don Ehat met with R. F. Warnick to obtain NRC perceptions of the NRC/TUE licensing interface.
- 5/23 Warnick, Wiebe, and Burris met with Daly and Hornak to receive an explanation of the process TUE is following to establish the scope of the preop tests that will be repeated and the justification of those that will not be repeated.
- 5/23 Wiebe met with TUE to discuss operations trending program.

- 5/23 Warnick, Livermore, and Runyan met with Cahill, Bruner, Muffet, and other TUE staff in a meeting which was open to the public to discuss results of the walkdowns of some 23000 pipe supports. Representatives of CASE were in attendance.
- 5/24 Warnick, Livermore, and Runyan met with Hogg, McAfee, and others to discuss the results of MT thru paint of the containment liner attachment welds.
- 5/24 Warnick and Wiebe met with Deviney and Guldemond to discuss implementation of the operational QA program 90 days before OL.
- 5/25 Staff meeting.
- 5/25 Livermore attended the TUE management meeting to discuss the tracking curves in the yellow book.
- 5/26 Warnick and Livermore met with Hogg and Guldemond to discuss the NRC not being notified of two meetings on AFW check valves. TUE indicated there was no intent to exclude the NRC.
- 5/30 Warnick and Livermore met with Ottney and Thero to discuss CASE concerns with TUE's efforts to MT thru paint the containment liner attachment welds.
- 5/30 Warnick met with Guldemond, Aycock, and Calder to discuss TUE tracking curves of work to be completed before fuel load.
- 5/31 Warnick, Wiebe, Burris, and Bitter met with Scott to discuss current operations issues.
- 5/31 Warnick, Wiebe, and Burris met with Kelley, Wieland, and Laughlin to discuss operations activities and current NRC concerns/questions.
- 5/31 Warnick, Phillips, and Stanish met with Fonseca, Jenkins, Harrington, and Diane Stewart to learn about the TUE corrosion/erosion monitoring program.
- 5/31 Warnick, Livermore, and Stanish met with Harrison and other TUE staff to discuss the latest information on MT thru paint and a test to show that cracks can be detected thru paint.
- 6/1 Conference call and staff meeting.



- 6/1 Jeanna Higgins and Linda Ousley were onsite to review plans for relocation of the NRC office to within the protected area.
- 6/2 Livermore and Stanish met with Obaid and other TU Electric staff to discuss the NRC Bulletin 79-14 walkdown results.
- 6/2 Livermore and Stanish met with Obaid and other TU Electric staff to discuss the NF boundary to be applied to Unit 2.
- 6/5-9 Bruce Earnest and Jerry Everett were onsite to participate in a security inspection. They also participated in an emergency preparedness appraisal. Wiebe attended the entrance on 6/5 and both Wiebe and Warnick attended the exit on 6/9.
- 6/5-9 Larry Ricketson and Ron Baer were onsite to participate in the Radiation Protection inspection. Warnick and Wiebe attended the exit on 6/9.
- 6/5-9 Nemen Terc, Rosemary Hogan, Michael Stein, David Shultz, and Greg Stoetzel were onsite to perform an emergency preparedness appraisal. Jerry Everett and Bruce Earnest also participated in the appraisal part-time. Wiebe attended the entrance on 6/5 and both Warnick and Wiebe attended the exit on 6/9.
- 6/5 Livermore, Wiebe, and Burris attended the TUE ILRT project meeting for information and monitoring.
- 6/5 Warnick, Livermore, Wiebe, and Phillips met with Streeter, Lowe, Jenkins, and other TUE staff to discuss Procurement.
- 6/6 NRC exit for the monthly resident inspections. A pre-exit dry run was held earlier in the day. The exit was attended by David Real of the Dallas Morning News and Edna Ottney of CASE.
- 6/6 Livermore and Stanish met with Berry and other TUE staff on NRC Bulletin 79-14 surveillance walkdowns.
- 6/6 Livermore and members of the AIT met with TUE staff on the AFW cold penetration concrete cracks.
- 6/6-7 Melinda Malloy and others from Headquarters were onsite to audit the SPDS. Wiebe accompanied the audit team and attended the exit on 6/7.
- 6/7 Jack Roe of HQs was onsite to talk to the NRC inspectors, tour the plant, and talk to TUE management about maintenance, operators, training, requalification

- examinations, readiness for fuel load, and human factors. Wiebe accompanied Roe on his plant tour and discussions.
- 6/8 Conference call and staff meeting.
- 6/8 Walker and Lowe met with Warnick to discuss Engineering Assurance organization changes.
- 6/9 Warnick, Livermore, and some of the AIT met with Hogg, Donahue, L. Terry, Bruner, Bagale, and others to discuss NRC concerns with TUEs documentation and handling of the AFW check valve precursor event on 4/5 or 6.
- 6/12-16 Tom McKernon was onsite to conduct a 2513 pre-OL inspection (36301 and 41301).
- 6/13 Jeanna Higgins and Linda Ousley (RIV) were onsite with a Contel representative to review the proposed location of phones in the new NRC building within the protected area.
- 6/13 The AIT, Grimes, and Warnick attended a TUE meeting in which the TUE task force briefed Cahill and Bruner on the Status of the TUE AFW check valve investigation.
- 6/13 Grimes, Warnick, and Livermore met with Cahill, Bruner, and Walker to discuss the NRC concerns with the TUE handling of the AFW check valve precursor event of 4/6/89 (failure to document adequately, failure to inform TUE supervision and management, failure to bring up after a second and third event, failure to communicate between shifts, inadequate log entries, failure to recognize and declare the three valves out of service, and failure to TUE to identify until the NRC asked questions about the precursor event).
- 6/14 Grimes, Warnick, and Wiebe met with Scott and Walker to discuss the NRC concerns with the TUE handling of the AFW check valve precursor event.
- 6/15 Conference call and staff meeting.
- 6/15 Warnick, Livermore, and Hale met with Bob Spence, Phil Halstead, and other TUE staff to discuss Repair Procedure Sheets.
- 6/16 Warnick, Wiebe, and Bitter attended McKernon's exit meeting.
- 6/16 The AIT conducted the inspection exit. CASE attended.

- 6/19 Livermore and Phillips met with Sullivan and other TUE staff to discuss U-2 SSW coating removal.
- 6/19 Warnick, Wiebe, Burris, Bitter, and Birmingham met with Scott, Kelley, Daly, Blevins, and Ellis to discuss proposed changes involving Startup and Performance Evaluation.
- 6/19 Warnick, Wiebe, Burris, and Bitter met with Zwolinski, Fields, Ashe, Ramirez, and Gual to discuss the purpose of Zwolinski's visit to the site and to discuss the site NRC's perceptions of TUE's readiness to operate the plant.
- 6/20 Zwolinski, Ashe, Ramirez, Gual, and Fields were onsite to meet with Operations personnel, assess TUE readiness for FL, and to discuss some open TS/PSAR issues.
- 6/20 Luncheon to honor Shannon Phillips prior to his retirement.
- 6/21 TUE staff met with some of the NRC onsite staff to update the NRC on the status of AIR Com and the status of the calibration laboratory issues.
- 6/23 The NRC onsite staff moved into the new office building inside the protected area.
- 6/26 Halstead briefed Warnick on a recent stop work order Westinghouse weld repairs on the DG air tanks. (Too wide of weld weave).
- 6/26-27 Norkin was onsite to make preparations for the third team inspection of CAP/PCHVP.
- 6/26-28 Ray Azua and Jeet Singh were onsite to inspect TUE readiness to perform the integrated leak rate test.
- 6/26-29 Lyons onsite for allegation review committee meeting and resolution of technical concerns.
- 6/27 Warnick, Livermore, Runyan, Hale, and Birmingham met with Dick Berry, Obaid, Noss, and other TUE staff to discuss three procurements (N&C codes) identified by Phillips.
- 6/27-29 McKee was onsite for allegation review committee meeting and other technical/management work.
- 6/28 Allegation review committee meeting.
- 6/29 Warnick, McKee, and Hale attended the TUE Senior QA Overview Committee meeting.
- 6/30 Warnick met with Guldmond to discuss current major issues and outstanding actions.



**RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) REQUEST**

RESPONSE TYPE

FINAL  PARTIAL  
 DATE

NOV 22 1989

DOCKET NUMBER(S) (if applicable)

REQUESTER

*Ms. Linda Beamon*

**PART I. - AGENCY RECORDS RELEASED OR NOT LOCATED (See checked boxes)**

No agency records subject to the request have been located.

No additional agency records subject to the request have been located.

Requested records are available through another public distribution program. See Comments Section.

Agency records subject to the request that are identified on Appendix(es) \_\_\_\_\_ are already available for public inspection and copying in NRC Public Document Room, 2120 L Street, N.W., Washington, DC 20555.

Agency records subject to the request that are identified on Appendix(es) *A* are being made available for public inspection and copying in NRC Public Document Room, 2120 L Street, N.W., Washington, DC, in a folder under this FOIA number and requester name.

The nonproprietary version of the proposal(s) that you agreed to accept in a telephone conversation with a member of my staff is now being made available for public inspection and copying at the NRC Public Document Room 2120 L Street, N.W., Washington, DC, in a folder under this FOIA number and requester name.

Agency records subject to the request that are identified on Appendix(es) \_\_\_\_\_ may be inspected and copied at the NRC Local Public Document Room identified in the Comments Section.

Enclosed is information on how you may obtain access to and the charges for copying records placed in the NRC Public Document Room, 2120 L Street, N.W., Washington, DC.

Agency records subject to the request are enclosed *Appendices A+B*

Records subject to the request have been referred to another Federal agency(ies) for review and direct response to you.

You will be billed by the NRC for fees totaling \$ *7.20\**

In view of NRC's response to this request, no further action is being taken on appeal letter dated \_\_\_\_\_ No \_\_\_\_\_

**PART II. A - INFORMATION WITHHELD FROM PUBLIC DISCLOSURE**

Certain information in the requested records is being withheld from public disclosure pursuant to the exemptions described in and for the reasons stated in Part II sections B, C, and D. Any released portions of the documents for which only part of the record is being withheld are being made available for public inspection and copying in the NRC Public Document Room, 2120 L Street, N.W., Washington, DC, in a folder under this FOIA number and requester name.

**COMMENTS**

*\* 136 pages  
- 100 free pages  
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36  
x .20 cost per page  
-----  
7.20*

SIGNATURE, DIRECTOR, DIVISION OF FREEDOM OF INFORMATION AND PUBLICATIONS SERVICES

*Donna H. Hunsley*

*8912454186 (4P)*

PART B - APPLICABLE EXEMPTIONS

Records subject to the request that are described on the enclosed Appendix(es) B are being withheld in their entirety or in part under the Exemptions and for the reasons set forth below pursuant to 5 U.S.C. 552(b) and 10 CFR 9.17(a) of NRC Regulations.

1. The withheld information is properly classified pursuant to Executive Order (EXEMPTION 1)
2. The withheld information relates solely to the internal personnel rules and procedures of NRC. (EXEMPTION 2)
3. The withheld information is specifically exempted from public disclosure by statute indicated: (EXEMPTION 3)
  - Sections 141-145 of the Atomic Energy Act which prohibits the disclosure of Restricted Data or Formerly Restricted Data (42 U.S.C. 2161-2165).
  - Section 147 of the Atomic Energy Act which prohibits the disclosure of Unclassified Safeguards Information (42 U.S.C. 2167).
4. The withheld information is a trade secret or commercial or financial information that is being withheld for the reason(s) indicated: (EXEMPTION 4)
  - The information is considered to be confidential business (proprietary) information.
  - The information is considered to be proprietary information pursuant to 10 CFR 2.790(d)(1).
  - The information was submitted and received in confidence pursuant to 10 CFR 2.790(d)(2).
5. The withheld information consists of interagency or intraagency records that are not available through discovery during litigation. (EXEMPTION 5) Applicable Privilege
  - Deliberative Process: Disclosure of predecisional information would tend to inhibit the open and frank exchange of ideas essential to the deliberative process. Where records are withheld in their entirety, the facts are inextricably intertwined with the predecisional information. There also are no reasonably segregable factua portions because the release of the facts would permit an indirect inquiry into the predecisional process of the agency.
  - Attorney work product privilege: (Documents prepared by an attorney in contemplation of litigation.)
  - Attorney-client privilege: (Confidential communications between an attorney and his/her client.)
- X 6. The withheld information is exempted from public disclosure because its disclosure would result in a clearly unwarranted invasion of personal privacy. (EXEMPTION 6)
7. The withheld information consists of records compiled for law enforcement purposes and is being withheld for the reason(s) indicated: (EXEMPTION 7)
  - Disclosure could reasonably be expected to interfere with an enforcement proceeding because it could reveal the scope, direction, and focus of enforcement efforts, and thus could possibly allow them to take action to shield potential wrongdoing or a violation of NRC requirements from investigators. (EXEMPTION 7 (A))
  - Disclosure would constitute an unwarranted invasion of personal privacy. (EXEMPTION 7 (C))
  - The information consists of names of individuals and other information the disclosure of which could reasonably be expected to reveal identities of confidential sources. (EXEMPTION 7 (D))

OTHER

PART B. C - DENYING OFFICIALS

Pursuant to 10 CFR 9.25(b) and/or 9.25(c) of the U.S. Nuclear Regulatory Commission regulations, it has been determined that the information withheld is exempt from production or disclosure, and that its production or disclosure is contrary to the public interest. The persons responsible for the denial are those officials identified below as denying officials and the Director, Division of Freedom of Information and Publications Services, Office of Administration and Resources Management, for any denial that may be appealed to the Executive Director for Operations (EDO).

DENYING OFFICIAL	TITLE/OFFICE	RECORDS DENIED	APPELLATE OFFICIAL	
			SECRETARY	EDO
<i>T. E. Marley</i>	<i>Director, NRR</i>	<i>B11-B/6</i>		<i>X</i>

PART B. D - APPEAL RIGHTS

The denial by each denying official identified in Part B.C may be appealed to the Appellate Official identified in that section. Any such appeal must be in writing and must be made within 30 days of receipt of this response. Appeals must be addressed as appropriate to the Executive Director for Operations or to the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, DC 20555, and should clearly state on the envelope and in the letter that it is an "Appeal from an Initial FOIA Decision."

APPENDIX ARECORDS BEING PLACED INTO THE PDR UNDER THE ABOVE REQUEST NUMBER

<u>NUMBER</u>	<u>DATE</u>	<u>DESCRIPTION</u>
1.	1973/ 1986	Project Chronology, Overview of milestones in the Comanche Program (6 pages)
2.	4/7/89	Memo from R. F. Warnick to C. I. Grimes re: Comanche Peak Chronology for the period 1/1/89-3/31/89 (11 pages)
3.	8/24/89	List showing estimated completion dates concerning Comanche Peak plant (2 pages)
4.	10/25/89	Memo from R. F. Warnick to C. I. Grimes re: Comanche Peak Chronology for the period 7/2/89-9/29/89 (12 pages)

APPENDIX BRECORDS PARTIALLY WITHHELD

<u>NUMBER</u>	<u>DATE</u>	<u>DESCRIPTION &amp; EXEMPTION</u>
1.	1/5/88	Memo for C. I. Grimes from R. F. Warnick re: Comanche Peak Chronology for the period 5/7/87-12/31/87 (10 pages) EX. 6
2.	4/6/88	Memo for C. I. Grimes from R. F. Warnick re: Comanche Peak Chronology for the period 5/7/87-3/31/88 (18 pages) EX. 6
3.	7/7/88	Memo for C. I. Grimes from R. F. Warnick re: Comanche Peak Chronology for the period 1/2/88-6/30/88 (16 pages) EX. 6
4.	10/25/88	Memo for C. I. Grimes from R. F. Warnick re: Comanche Peak Chronology for the period 1/2/88-10/3/88 (22 pages) EX. 6
5.	1/6/89	Memo for C. I. Grimes from R. F. Warnick re: Comanche Peak Chronology for the period 1/2/88-12/27/88 (28 pages) EX. 6
6.	7/5/89	Memo for C. I. Grimes from R. F. Warnick re: Comanche Peak Chronology for the period 4/3/89-6/30/89 (11 pages) EX. 6

Robinson,  
Robinson, Peterson, Berk,  
Rudolph, Cross & Garde

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October 6, 1989

FREEDOM OF INFORMATION ACT REQUEST

Director  
Office of Administration  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20210

FREEDOM OF INFORMATION  
ACT REQUEST

**FOIA-89-445**  
**Rec'd 10-11-89**

TO WHOM IT MAY CONCERN:

On behalf of my client, Citizens Association for Sound Energy (CASE), and pursuant to the Freedom of Information Act (FOIA), 5 U.S.C. 552, as amended, I request copies of any and all agency records and information, including but not limited to notes, letters memoranda, drafts, minutes, diaries, logs, calendars, tapes, transcripts, summaries, interview reports, procedures, instructions, allegation summary sheets, interim and/or final reports, status reports, and any and all other records relevant to and/or generated in connection with all Chronology of Events, prepared by on site Office of Special Projects Staff beginning in 1985 for the Comanche Peak Steam Electric Station in Texas.

This request includes all agency records as defined in 10 C.F.R. 9.3a (b) and the NRC Manual, Appendix 0211, Parts 1.A.2 and A.3 (approved October 8, 1980) whether they currently exist in the NRC official "working" investigative or other files, or at any other location, including private residences.

If any records, as defined in 10 C.F.R. 9.3a (b), and the NRC Manual, supra., and covered by this request have been destroyed, and/or removed, after this request, please provide all surrounding records, including but not limited to a list of all records which have been or are destroyed and/or removed, a description of the action(s) taken relevant to, generated in connection implementing the action(s).

We are requesting this information as part of an ongoing monitoring project of the NRC's efforts to protect public health and safety at and near nuclear processing plants and radioactive waste facilities.

*8912050178 2pp.*

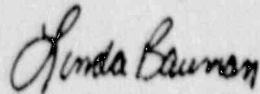


We request that fees be waived, because "finding the information can be considered as primarily benefitting the general public" 5 U.S.C. 552 (a) (4) (a). CASE is non-profit, non-partisan public interest organization concerned with honest and open government, and especially in assuring that the truth is made public about the safety of the Comanche Peak Steam Electric Station.

For any documents or portions that you deny due to a specific FOIA exemption, please provide an index itemizing and describing the documents or portions of documents withheld. The index should provide a detailed justification of your grounds for claiming each exemption, explaining why each exemption is relevant to the document or portion of the document withheld. This index is required under Vaughn v Rosen (I), 484 F2d 820 (D.C. Cir. 1973), cert. denied, 415 U.S. 977 (1974).

We anticipate a complete or partial response to this request within ten working days, as required by the FOIA.

Sincerely,



Linda Bauman

BPG/11b  
NRC/foia  
osp



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

January 5, 1988

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

FROM: R. F. Warnick, Assistant Director  
for Inspection Programs  
Comanche Peak project Division  
Office of Special Projects

SUBJECT: COMANCHE PEAK CHRONOLOGY

The Comanche Peak chronology has been updated to include activities of November and December 1987. If you recognize any significant activities that we have failed to include in the chronology, please let me know and we will add them.

*RF Warnick*

R. W. Warnick, Assistant Director  
for Inspection Programs  
Comanche Peak Project Division  
Office of Special Projects

Enclosure: Comanche Peak Chronology

cc w/enclosure:  
PMcKee  
JLyons  
JWilson  
GGower  
MMalloy  
AViette-Cook  
DTERao  
DNorkin  
Onsite NRC staff

Information in this record was deleted  
in accordance with the Freedom of Information  
Act, exemptions 6  
FOIA- 89-445

FOIA-89-A-34 - Continue to deny  
8912454199 (10pp) Portions

B/1

Comanche Peak Chronology - 1987

5/7-8 RFW first trip to Comanche Peak new NRC office  
5/12-14 RFW second trip to Comanche Peak new NRC office  
5/18-21 RFW third trip to Comanche Peak new NRC office  
5/24 RFW assigned to Comanche Peak, OSP  
6/1 RFW full time onsite  
6/1 Staff meeting with Commissioner Zech in RIV  
6/4 Exit meeting for IR 445/8709, 446/8707  
6/4 Started having weekly staff meetings  
6/5 Started using priority workload weekly  
6/5 Started weekly conference calls with HQ counterparts and management  
6/8-9 RFW in RIII  
6/10 RFW in RIV  
6/11 Meeting with TUE on NCRs  
6/19 Briefing on allegation history and status  
6/19 Plant tour by RFW - looks good  
6/21 W. Smith assigned to Comanche Peak full time  
6/24 Management meeting (CIG & RFW) with Council on 50.55(e) evaluation timeliness  
6/25 Allegation Review Committee meeting  
6/25 Management meeting on system cleanliness  
6/30 Visited SAFETEAM  
7/6 Enforcement conference on 6.9kv switchgear mounting - late 50.55(e)  
7/6 Meeting with TUE (Streeter) to resolve response to 8608/06

- 7/7 Exit meeting for Phillips (8710/08), Kelley (8708), and Barnes (8711/09) - June inspection
- 7/8-9 Fire protection assessment by Singh/Malloy/Kelley
- 7/9 FERS training by Karen League
- 7/10 RFW plant tour
- 7/13-14 JGK on site; CIG on site 7/13-15
- 7/14 Briefing on ISAPs; decision to change directions on eval
- 7/14 Meeting with Steve Matthews - TX State Inspector on ASME issues
- 7/15 Allegation Review Committee meeting
- 7/22 Meeting with Streeter, Noss, Spangler to discuss TUE response to 8432-8411
- 7/23 Meeting with Owen Lowe, Streeter, Barker, Baker - NRC review for reportability under 50.55(e)
- 7/28 Meeting with Ebasco on HVAC inspections
- 7/29-30 Sherry Meador on site to help Wanda
- 7/29-30 Public meeting in Dallas; post-construction hardware validation program
- 8/3-4 Shannon Phillips in RIV at request of Senate Committee on Environ & Public Works
- 8/4 Issued EA-122 letter
- 8/4 Monthly exit for July inspection
- 8/5 Issued IR 8706/8705
- 8/5-7 D. Terao & 2 Brookhaven consultants onsite to review cable tray & conduit support
- 8/12-13 OSP/JGK retreat at Hunt Valley, MD
- 8/21 Bill Richins (civil/structural consultant) terminated employment
- 8/26 Issued IR 445/8712 & IR 8714, 8711

- 8/27 Meeting with TUE to discuss cable pulling controls
- 8/27 Meeting with TUE to discuss HVAC inspection of coated welds
- 8/31 Meeting with TUE to discuss old preop test deficiency & equiv testing
- 8/31 Issued IR 8704/8704
- 9/2 Exit for Aug inspections
- 9/2-3 Gower, Lyons & EG&G consultant onsite for ARC meeting
- 9/2 Allegation Review Committee meeting
- 9/4 Meeting in RIV with TUE to discuss security inspections at RIV plants
- 9/4 Completed FOIA 87-557, 558, 559 and 560
- 9/8 D. Terao & consultants on site for design review
- 9/9 Conference call - RIV, HQ-Union and OSP ( [REDACTED] ) on [REDACTED] training
- 9/9-10 Fire Protection - preplanning site visit by Amarjit Singh, Harvey Thomas & Thomas Storey
- 9/9 Issued IR 8715-8712
- 9/9 \* Participated with [REDACTED] in a conference call with [REDACTED] (Union), Huell Meadows (labor relations), Karen League (RIV) \*
- 9/10 Jeff Posey of the magazine "D" interviewed RFW & IB
- 9/12 W. Smith's last day on site
- 9/14 RFW and HSP meeting with Rynerson on construction problems.

- 9/15 Followed up on crane accident with fatalities;  
wrote PN
- 9/15-16 JGK & CIG on site
- 9/15 Received material from personnel for selection  
of Barnes' replacement
- 9/16 Completed FOIAs 87-591, 592, 593
- 9/16 JGK, CIG, & RFW meeting with Spence & Council  
to discuss schedule, get well program
- 9/16 Meeting with CPRT/SRT on results of 3rd party  
inspections
- 9/17 RFW, HSP, & CHale meeting with Baker, Heatherly,  
etc. on concrete crack chipping without preparing  
a CDR
- 9/21-24 Sherry Meador and Barbara Tompkins on site to  
help Wanda
- 9/21-25 Texas State ASME inspectors on site
- 9/22-25 C. Williams on site to help on ASME issues
- 9/22 Interviewed [REDACTED] for RI job
- 9/22 Issued IR 445/87-17
- 9/23 Completed report 445/8713, 446/8710
- 9/23 RFW meeting with Jim Kelley, Bill Sorenson, John  
Streeter on system control for cleanliness/  
protection
- 9/23 EAS Reps (Masterson & Plunkett) on site to discuss  
replacement for Jew
- 9/23 Herb Livermore selected to replace Barnes.
- 9/23 John Randall (NRC-Research) onsite to talk to Phillips and  
Barnes about use of the DPO procedure
- 9/24 RFW & CCH meeting with Nace & Lowe to discuss CC Williams  
role in inspecting ASME issues and the NRC interface with  
Texas State inspectors
- 9/25 RFW & CCW meeting with Mathews & Bryan to discuss ASME  
concerns and NRC plans to resolve them.

- 10/1 Fuller and Gomez of GAO (David Williams staff) onsite to interview Phillips, Barnes, Kelley, Warnick, and other staff members regarding the OIA investigation of RIV
- 10/5 Warnick met with Tyler to discuss the weekly Project Status Report of 10/1
- 10/5-9 Jim Lyons, Dave Terao, and consultants onsite for audit of conduit supports
- 10/6 Warnick met with Council and Nace to discuss findings for month of September
- 10/6 Held exit for the September inspections
- 10/6-8 Equipment Qualification Team preliminary site visit (Malloy & Hubbard)
- 10/7 IR 445/8713, 446/8710 issued
- 10/8 Allegation Review Committee met in OSP:HQ
- 10/8-9,  
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26-30 Cordell Williams onsite or in Texas (RIV and Houston) to meet with Texas State ASME Code inspectors and to work on the resolution of open NRC ASME issues
- 10/16 Allan Maughan terminated his contract with the NRC to take a new position within his company
- 10/21-23 Phil McKee onsite
- 10/21 Two OI investigators from RIII onsite to interview former RIII plant QC inspector regarding RIII investigation
- 10/19-23 Fire Protection Team (Singh, Thomas, Story, Fesca) inspection
- 10/22 Meeting between NRC and TUE to discuss resolution of concern over flaws in steel columns in the cable spreading room
- 10/22 IR 445/8720, 446/8716 issued
- 10/23 IR 445/8721 issued

- 10/23 IR 445/8716, 446/8713 issued
- 10/26 Responded to FOIA 87-633, 634, 669, & 684
- 10/26-27 Warnick & McKee in Baltimore for SES management conference
- 10/28 Warnick and S. Phillips met with TUE to provide findings on AFW motors/pump
- 10/29 Bert Barnes of EG&G Idaho was onsite to meet with Warnick to keep channels of communication open
- 10/30 Dennis Jew terminated his contract with the NRC to take a new position within his company
- 11/2 Prepared report of site inspection activities for the 8th NRC staff progress report (Sept & Oct).
- 11/2 Pete Stanish, mechanical consultant, started. He replaces Dennis Jew.
- 11/2-3 Prehearing conference. Board adopted staff proposal for hearing schedule.
- 11/3 Held exit for October inspections.
- 11/3-5 Keppler, Grimes, McKee, Lyons, Viette-Cook, & Williams on site 11/4-5. Reached consensus on what is needed for CAP. Moore & Rutberg on site 11/3-4. Keppler on site 11/3.
- 11/5 Issued IR 50-445/8718, 50-446/8714 (Barnes).
- 11/5 Responded to FOIA 87-677, 716, 717.
- 11/6 RFW & PCW meeting with Heatherly, etal, on ES-100 electrical specification.
- 11/6 RFW & DLK meeting with A. Scott to inform TUE that preoperational testing program must be repeated in total. Exceptions must be justified and concurred in by NRC. Scott indicated that was already his position.
- 11/6 Responded to FOIA 87-A-89.
- 11/12 Issued IR 50-445/8727, 50-446/8720 (Phillips).
- 11/12 Issued IR 50-445/8724, 50-446/8718 (Hale).
- 11/17 Issued IR 50-445/8723, 50-446/8717 (Wagner).



- 11/18-19 McKee, Gower, Lyons, and Consultant onsite 11/18-19 for allegation review committee meeting. Brooks Griffin onsite 11/19 for the allegation review committee meeting.
- 11/18-20 Williams onsite 11/18-20 to work on ASME issues.
- 11/19 Allegation Review Committee met on 11/19 at the site.
- 11/19 Responded to FOIA 87-753.
- 11/20 Issued IR 50-445/8726 (Kelley).
- 11/20 Issued IR 50-445/8725, 50-446/8719 (Ellershaw).
- 11/23 Plant tour by Hale to point out examples of the lack of adequate system & equipment protection to Warnick, Reynerson (Const.) J. Kelley (Ops), & C. Scott (SU).
- 11/24 RFW meeting with A. Scott for updating on preop test program.
- 11/24 RFW & CJH meeting with Heatherly, etal on concrete crack issue.
- 11/25 RFW meeting with Nace & Scott to discuss results of November inspection and NRC concerns.
- Nov. Hired Steve Burris (11/16), Mike Runyan (11/20), and Joel Weibe (11/24) to fill site inspector vacancies (Preop testing, civil/structural, & Project Insp., respectively).
- 12/1 Held exit for November inspections.
- 12/1 Herb Livermore started working in his new position as Lead Senior Inspector replacing Ian Barnes.
- 12/1 Hired Steve Bitter to fill the RI-Operations vacancy.
- 12/1 Meeting between Phil Wagner and TUE to discuss electrical concerns.
- 12/1-3 Kavin Ward of Region III was onsite for Unit 2 preservice inspection.
- 12/2 Linda Ousley of Region IV was onsite to take pictures and issue new NRC picture badges.

- 12/2 Jeanna Higgins and Linda Ousley were onsite to discuss recommendations for reducing NRC onsite telephone cost.
- 12/2-4 Cordell Williams onsite to followup on ASME issues and to meet with TUE and Texas State Department of Labor and Standards (ASME code compliance).
- 12/3 Karen League of Region IV onsite to interview and test applicants for part-time resident clerical aide vacancy.
- 12/3-4 Chris Grimes onsite. Chris Grimes and John Montgomery of Region IV onsite for presentation of license certificates to newly licensed SROs and ROs of TUE on 12/4.
- 12/4 Issued letter to TUE informing them that a SALP evaluation would be issued in late 1988 for the period of 9/1/87-8/31/88.
- 12/5 Ian Barnes transferred to RIV.
- 12/7-11 Dave Terao and two consultants were onsite for design audit.
- 12/8 Held enforcement conference with TUE on AFW motor fans being reversed.
- 12/8 Hired Nancy Hodges as part-time resident clerical aide.
- 12/8 Dave Terao briefed site NRC staff on his work in design areas of piping, HVAC, conduits, and cable tray hangers.
- 12/8-11 Phil McKee, Melinda Malloy, Jim Lyons on site for training. Don Norkin onsite 12/9-11 for training. Chris Grimes onsite 12/8, 10, and 11. Anette Viette-Cook onsite 12/10 for SIMS work. Stu Ebnetter onsite 12/8 and 10 to meet the staff and tour the plant.
- raise in initial*  
*CG* 12/9-11  OSP staff attended 3 day training course on conflict resolution.
- 12/9 Public meeting between OSP and TUE to discuss CAP and receive comments from CASE.
- 12/11 Don Norkin briefed the NRC site staff regarding his work in the design areas of mechanical, electrical, instrumentation, and civil/structural.
- 12/11 Issued memo to site staff assigning lead responsibility for followup and closeout of each of the CPRRG recommendations.

- 12/14-18 Herb Livermore in Region II.
- 12/15 Issued IR 50-445/8728 (Kelley).
- 12/15 Bob Warnick in Region IV to meet with Bob Martin; Jim Milhoan and Joe Callen; and Dick Bangart, Larry Yandell, Bill Fisher, and Ray Hall to discuss Comanche Peak status, CPPD inspection schedule and staffing, and OSP/RIV interface regarding projected inspection needs, and other matters of mutual interest.
- 12/16 Issued IR 50-445/8729, 50-446/8721 (Hale) and IR 50-445/8730, 446/8722 (Wagner).
- 12/16-17 Dennis Kelley attended the Region IV resident inspectors seminar.
- 12/18 Issued IR 50-445/8731, 446/8723 (Ellershaw).
- 12/19 Jim Lyons and Paul Chen onsite to participate in utility sponsored plant tour. Also to attend public meeting on 12/17-18 between TUE and CASE.
- 12/21 Issued IR 50-445/8729 (preservice inspection).
- 12/22 Bob Warnick and Jimmy Dale met with TUE and Ebasco to discuss HVAC Tremco-440 gasket concern.
- 12/22-23 Bruce Earnest of Region IV onsite to perform safeguards inspection.
- 12/23 Bob Warnick and Keith Graham met with TUE and SWEC to discuss tubing weld concern.
- 12/31 Issued NOV on AFW pump motor fans being reversed.
- 12/31 Prepared report of onsite inspection activities for the 9th NRC staff progress report (November and December).



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20586

APR 6 1988

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

FROM: R. F. Warnick, Assistant Director  
for Inspection Programs  
Comanche Peak project Division  
Office of Special Projects

SUBJECT: COMANCHE PEAK CHRONOLOGY

The Comanche Peak chronology has been updated to include activities of January, February, and March 1988. If you recognize any significant activities that we have failed to include in the chronology, please let me know and we will add them.

*R F Warnick*

R. W. Warnick, Assistant Director  
for Inspection Programs  
Comanche Peak Project Division  
Office of Special Projects

Enclosure: Comanche Peak Chronology

cc w/enclosure:  
RMartin, RIV  
JCallan, RIV  
PMcKee  
JLyons  
JWilson  
GGower  
MMalloy  
AViette-Cook  
DTERAO  
DNorkin  
Onsite NRC staff

Information in this record was deleted  
in accordance with the Freedom of Information  
Act, exemptions 6  
FOIA: 89-445

FOIA-89-A-34-Continue to Deny  
~~89/2450001~~ (18p) Portions

B/2

Comanche Peak Chronology - 1987

- 5/7-8 RFW first trip to Comanche Peak new NRC office.
- 5/12-14 RFW second trip to Comanche Peak new NRC office.
- 5/18-21 RFW third trip to Comanche Peak new NRC office.
- 5/24 RFW assigned to Comanche Peak, OSP.
- 6/1 RFW full time onsite.
- 6/1 Staff meeting with Commissioner Zech in RIV.
- 6/4 Exit meeting for IR 445/87-09, 446/87-07.
- 6/4 Started having weekly staff meetings.
- 6/5 Started using priority workload weekly.
- 6/5 Started weekly conference calls with HQ counterparts and management.
- 6/8-9 RFW in RIII.
- 6/10 RFW in RIV.
- 6/11 Meeting with TUE on NCRs.
- 6/19 Briefing on allegation history and status.
- 6/19 Plant tour by RFW - looks good.
- 6/21 W. Smith assigned to Comanche Peak full time.
- 6/24 Management meeting (CIG & RFW) with Council on 50.55(e) evaluation timeliness.
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- 6/25 Management meeting on system cleanliness.
- 6/30 Visited SAFETEAM.
- 7/6 Enforcement conference on 6.9kv switchgear mounting - late 50.55(e).
- 7/6 Meeting with TUE (Streeter) to resolve response to 86-08/06.

- 7/7 Exit meeting for Phillips (8710/08), Kelley (8708), and Barnes (8711/09) - June inspection.
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- 7/9 FERS training by Karen League.
- 7/10 RFW plant tour.
- 7/13-14 JGK onsite; CIG onsite 7/13-15.
- 7/14 Briefing on ISAPs; decision to change directions on eval.
- 7/14 Meeting with Steve Matthews - TX State Inspector on ASME issues.
- 7/15 Allegation Review Committee meeting.
- 7/22 Meeting with Streeter, Noss, Spangler to discuss TUE response to 84-32, 84-11.
- 7/23 Meeting with Owen Lowe, Streeter, Barker, Baker - NRC review for reportability under 50.55(e).
- 7/28 Meeting with Ebasco on HVAC inspections.
- 7/29-30 Sherry Meador onsite to help Wanda.
- 7/29-30 Public meeting in Dallas; post-construction hardware validation program.
- 8/3-4 Shannon Phillips in RIV at request of Senate Committee on Environ. & Public Works.
- 8/4 Issued EA-122 letter.
- 8/4 Monthly exit for July inspection.
- 8/5 Issued IR 87-06, 87-05
- 8/5-7 D. Terao & 2 Brookhaven consultants onsite to review cable tray & conduit support.
- 8/12-13 OSP/JGK retreat at Hunt Valley, MD.
- 8/21 Bill Richins (civil/structural consultant) terminated employment.
- 8/26 Issued IR 445/87-12 & IR 87-14, 87-11.

- 8/27 Meeting with TUE to discuss cable pulling controls.
- 8/27 Meeting with TUE to discuss HVAC inspection of coated welds.
- 8/31 Meeting with TUE to discuss old preop test deficiency & equiv. testing.
- 8/31 Issued IR 87-04, 87-04.
- 9/2 Exit for Aug. inspections.
- 9/2-3 Gower, Lyons & EG&G consultant onsite for ARC meeting.
- 9/2 Allegation Review Committee meeting.
- 9/4 Meeting in RIV with TUE to discuss security inspections at RIV plants.
- 9/4 Completed FOIA 87-557, 558, 559 and 560.
- 9/8 D. Terao & consultants onsite for design review.
- 9/9 [ Conference call - RIV, HQ-Union [redacted] and OSP ( [redacted] on [redacted] training. ]
- 9/9-10 Fire Protection - preplanning site visit by Amarjet Singh, Harvey Thomas & Thomas Storey.
- 9/9 Issued IR 87-15, 87-12.
- 9/9 [ Participated with [redacted] in a conference call with [redacted] (Union), Huell Meadows (labor relations), Karen League (RIV). ]
- 9/10 Jeff Posey of the magazine "D" interviewed RFW & IB.
- 9/12 W. Smith's last day onsite.
- 9/14 RFW and HSP meeting with Reynerson on construction problems.
- 9/15 Followed-up on crane accident with fatalities; wrote PN.

- 9/15-16 JGK & CIG onsite.
- 9/15 Received material from personnel for selection of Barnes' replacement.
- 9/16 Completed FOIAs 87-591, 592, 593.
- 9/16 JGK, CIG, & RFW meeting with Spence & Council to discuss schedule, get well program.
- 9/16 Meeting with CPRT/SRT on results of 3rd party inspections.
- 9/17 RFW, HSP, & CHale meeting with Baker, Heatherly, etc., on concrete crack chipping without preparing a CDR.
- 9/21-24 Sherry Meador and Barbara Tompkins onsite to help Wanda.
- 9/21-25 Texas State ASME inspectors onsite.
- 9/22-25 C. Williams onsite to help on ASME issues.
- 9/22 X Interviewed [REDACTED] for RI job. Y
- 9/22 Issued IR 445/87-17.
- 9/23 Completed report 445/87-13, 446/87-10.
- 9/23 RFW meeting with Jim Kelley, Bill Sorenson, John Streeter on system control for cleanliness/protection.
- 9/23 EAS Reps (Masterson & Plunkett) onsite to discuss replacement for Jew.
- 9/23 Herb Livermore selected to replace Barnes.
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- 9/24 RFW & CCW meeting with Nace & Lowe to discuss CC Williams role in inspecting ASME issues and the NRC interface with Texas State inspectors.
- 9/25 RFW & CCW meeting with Mathews & Bynog discuss ASME concerns and NRC plans to resolve them.
- 9/30 RFW, Hale, & Birmingham meeting with John Hansel and Dave Boydston on nonconforming conditions documented on forms "other" than NRC's.



- 10/1 Fuller and Gomez of GAO (David Williams staff) onsite to interview Phillips, Barnes, Kelley, Warnick, and other staff members regarding the OIA investigation of RIV.
- 10/5 Warnick met with Tyler to discuss the weekly Project Status Report of 10/1.
- 10/5-9 Jim Lyons, Dave Terao, and consultants onsite for audit of conduit supports.
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- 10/21-23 Phil McKee onsite.
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- 10/19-23 Fire Protection Team (Singh, Thomas, Story, Pesca) inspection.
- 10/22 Meeting between NRC and TUE to discuss resolution of concern over flaws in steel columns in the cable spreading room.
- 10/22 IR 445/87-20, 446/87-16 issued.
- 10/23 IR 445/87-21 issued.
- 10/23 IR 445/87-16, 446/87-13 issued.
- 10/26 Responded to FOIA 87-633, 634, 669, & 684.

- 10/26-27 Warnick & McKee in Baltimore for SES management conference.
- 10/28 Warnick and S. Phillips met with TUE to provide findings on AFW motors/pump.
- 10/29 Bert Barnes of EG&G Idaho was onsite to meet with Warnick to keep channels of communication open.
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- 11/12 Issued IR 50-445/87-24, 50-446/87-18 (Hale).
- 11/17 Issued IR 50-445/87-23, 50-446/87-17 (Wagner).
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- 11/18-20 Williams onsite 11/18-20 to work on ASME issues.
- 11/19 Allegation Review Committee met on 11/19 at the site.
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- 11/20 Issued IR 50-445/87-25, 50-446/87-19 (Ellershaw).
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- 12/1 Hired Steve Bitter to fill the RI-Operations vacancy.
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- 12/2 Linda Ousley of Region IV was onsite to take pictures and issue new NRC picture badges.
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- 12/3-4 Chris Grimes onsite. Chris Grimes and John Montgomery of Region IV onsite for presentation of license certificates to newly licensed SROs and ROs of TUE on 12/4.
- 12/4 Issued letter to TUE informing them that a SALP evaluation would be issued in late 1988 for the period of 9/1/87 - 8/31/88.
- 12/5 Ian Barnes transferred to RIV.
- 12/7-11 Dave Terao and two consultants were onsite for design audit.
- 12/8 Held enforcement conference with TUE on AFW motor fans being reversed.
- 12/8 Hired Nancy Hodges as part-time resident clerical aide.
- 12/8 Dave Terao briefed site NRC staff on his work in design areas of piping, HVAC, conduits, and cable tray hangers.
- 12/8-11 Phil McKee, Melinda Malloy, Jim Lyons onsite for training. Don Norkin onsite 12/9-11 for training. Chris Grimes onsite 12/8, 10, and 11. Anette Viette-Cook onsite 12/10 for SIMS work. Stu Ebnetter onsite 12/8 and 10 to meet the staff and tour the plant.
- 12/9-11 *release in initial CG* [OSP staff attended 3 day training course on conflict resolution.]
- 12/9 Public meeting between OSP and TUE to discuss CAP and receive comments from CASE.
- 12/11 Don Norkin briefed the NRC site staff regarding his work in the design areas of mechanical, electrical, instrumentation, and civil/structural.
- 12/11 Issued memo to site staff assigning lead responsibility for follow-up and closeout of each of the CPRRG recommendations.
- 12/14 Cordell Williams onsite to follow-up on ASME issues and meet with TUE and Texas State Department of Labor and Standards.
- 12/14-18 Herb Livermore in Region II.
- 12/15 Issued IR 50-445/87-28 (Kelley).

- 12/15 Bob Warnick in Region IV to meet with Bob Martin; Jim Milhoan and Joe Callen; and Dick Bangart, Larry Yandell, Bill Fisher, and Ray Hall to discuss Comanche Peak status, CPPD inspection schedule and staffing, and OSP/RIV interface regarding projected inspection needs, and other matters of mutual interest.
- 12/16 Issued IR 50-445/87-29, 50-446/87-21 (Hale) and IR 50-445/87-30, 446/87-22 (Wagner).
- 12/16-17 Dennis Kelley attended the Region IV resident inspectors seminar.
- 12/18 Issued IR 50-445/87-31, 446/87-23 (Ellershaw).
- 12/19 Jim Lyons and Paul Chen onsite to participate in utility sponsored plant tour. Also to attend public meeting on 12/17-18 between TUE and CASE.
- 12/21 Issued IR 50-445/87-29 (preservice inspection).
- 12/22 Bob Warnick and Jimmy Dale met with TUE and Ebasco to discuss HVAC Tremco-440 gasket concern.
- 12/22-23 Bruce Earnest of Region IV onsite to perform safeguards inspection.
- 12/23 Bob Warnick and Keith Graham met with TUE and SWEC to discuss tubing weld concern.
- 12/31 Issued NOV on AFW pump motor fans being reversed.
- 12/31 Prepared report of onsite inspection activities for the 9th NRC staff progress report (November and December).

Comanche Peak Chronology - 1988

- 1/2 Lee Ellershaw transferred from OSP to RIV.
- 1/3 Stephen P. Burris transferred from RII to OSP.
- 1/5 Exit meeting for December inspections.
- 1/5 Warnick and Livermore met with Nace and A. Scott on the management perspective of the December inspection findings.
- 1/6 NRC site staff participated in training on FOIA, confidentiality, and allegation handling presented by Dick Brady of NRR, Dick Hefling, and Ed Shomaker.
- 1/6 Warnick and Graham met with Muffett to discuss PSRs and attributes.
- 1/6 Site NRC staff discussed comments on proposed Tech Specs in conference telephone call to OSP:HQ.
- 1/6-7 McKee, Lyons, Gower, and Kline were onsite for an allegation review committee meeting on 1/7.
- 1/7 Warnick, Livermore, and Wagner met with Brabazon, Miller, Hodges, Ericson, and Gaden to discuss the TUE response to 26 open items in IR 50-445/87-04; 50-446/87-04.
- 1/7-8 Williams onsite to continue inspection of open ASME issues.
- 1/8 Responded to FOIA 87-837 and 87-845.
- 1/11 Responded to FOIA 87-847.
- 1/11 Provided comments to OSP:HQ on Commission briefing paper.
- 1/11-15 Wilson, Malloy, and 3 NRC consultants were onsite to meet with TUE on proposed Tech Specs.
- 1/12 Warnick attended Ebasco/TUE project meeting. Tremco-440 stop work order issued after NRC brought the subject up.
- 1/14 Responded to FOIA 87-865.
- 1/14-15 Provided comments to OSP:HQ on CAP/CPRT approval document.

- 1/15 HVAC stop work issued following NRC discussion with Muffett of possible procedural problem and TUE review of same.
- 1/17 Joel S. Wiebe, Michael F. Runyan, and Steven D. Bitter transferred from RIII, RII, and RII, respectively, to OSP.
- 1/18-19 Williams onsite to continue inspection of open ASME issues.
- 1/19 Warnick, Livermore, and Graham met with Streeter, Walker, Barker, Baker, and Wren regarding NCR backlog, CAR 88-01, and beveled washer NCR.
- 1/19-21 Ward of RIII onsite for preservice inspection.
- 1/19-22 Harrell of RIV onsite for 18 month QA inspection.
- 1/20-21 Fox of RIV was onsite to help reestablish electronic communications with OSP:HQ following move to White Flint.
- 1/21 Issued IR 50-445/87-33; 50-446/87-25 and IR 50-445/87-34.
- 1/21-22 Grimes, Warnick, and Williams were in Austin to meet with Texas State Department of Labor and Standards and other state government representatives (Sunset Commission) to discuss ASME issues at Comanche Peak.
- 1/25 Issued IR 50-445/88-32; 50-446/88-24.
- 1/26 Warnick and Ebnetter attended the QA Overview Committee meeting.
- 1/26-27 Ebnetter was onsite to meet with the NRC site staff, inspect the plant, and meet with Commissioner Carr.
- 1/27 Commissioner Carr, Steve Burns (legal assistant), George Felgate (technical assistant), and Bob Martin (RIV Regional Administrator) were onsite for plant tour and meetings with NRC staff and the utility.
- 1/27-28 Grimes was onsite to meet with the NRC site staff, the applicant, and Commissioner Carr.
- 1/28 Warnick, Livermore, Graham, and Dale met with Ebasco and TUE to discuss random errors made during walkdowns.
- 1/28 Warnick, Livermore, Graham, and Dale met with Impell and TUE to discuss random errors made during walkdowns.

- 1/29 Warnick, Livermore, and Wagner met with TUE to discuss questions pertaining to the electrical PSR.
- 1/29 Warnick, Livermore, and Wiebe met with Nace and A. Scott to discuss January inspection findings from a management perspective.
- 2/1 Muffett briefed Warnick, Livermore and the HVAC inspectors regarding the status of the HVAC stop work order.
- 2/1-5 Blair Nicholas, RIV, was onsite to perform environmental monitoring inspection.
- 2/1-5 Wiebe was at Duane Arnold completing his assigned work at that nuclear plant.
- 2/2 Held exit for January inspections.
- 2/2 Warnick met with Walker and Lowe to discuss the NRC concern with SDAR CP-83-08.
- 2/3 Issued IR 50-445/87-38.
- 2/4 Warnick was in Headquarters for an Allegation Review Committee meeting.
- 2/8 Issued IR 50-445/87-37, 50-446/87-28.
- 2/8 Effective Feb. 8, NRC site staff implemented a plan to assure increased backshift coverage.
- 2/8-12 Mike Runyan was at Sequoyah assisting OSP-TVA in an inspection.
- 2/9 Nancy Hodges, part-time resident clerical aide, started to work for the NRC.
- 2/9 Issued IR 50-445/87-39, 50-446/87-30.
- 2/9-11 McKee was onsite to prepare for inspection of TUE's process for handling employee concerns.
- 2/10 Wiebe attended A. B. Scott's staff meeting.
- 2/10 McKee & Singh met with Walker, Redding, and other TUE representatives to discuss NRC concerns with Amendment 66 changes to FSAR fire protection commitments.
- 2/10 Issued IR 50-445/87-36, 50-446/87-27; IR 50-445/88-02; and IR 50-445/88-06.



- 2/10-11 Williams was onsite to follow-up on open NRC concerns related to ASME code issues.
- 2/11 Warnick met with Streeter and Walker to discuss TUE actions concerning SDAR CP-83-08 and the response to the violation in 50-445/84-34, 50-446/84-13.
- 2/12 Issued IR 50-445/87-35, 50-446/87-26.
- 2/16 Issued IR 50-445/88-03, 50-446/88-02 and IR 50-445/88-08, 50-446/88-05.
- 2/16 Warnick and Livermore attended the SWEC-CAP project meeting.
- 2/17 Warnick and Graham met with Stevens and Heatherly to discuss the NRC unresolved item regarding the PCHVP attribute matrix.
- 2/17 Wiebe and Burris met with Charlie Scott to discuss the Preoperational test program.
- 2/17 Livermore and Wagner were in Headquarters for a meeting regarding site NRC electrical concerns.
- 2/17 Responded to FOIAs 88-18, 42, and 62.
- 2/18-19 TUE had public meetings with CASE.
- 2/19 Terao was onsite to accompany TUE and CASE on a plant tour.
- 2/19 Issued IR 50-445/88-04, 446/88-03.
- 2/19 The vacancy for the lead mechanical inspector was cancelled by NRR management.
- 2/22 Bill Richins, civil-structural consultant, resumed working onsite.
- 2/22 Warnick, Livermore, and the HVAC inspectors met with TUE representatives to discuss NRC concerns with Bahnson welders qualification testing.
- 2/22-26 McKee, Gower, Brady, and Griffin were onsite to conduct a team inspection of TUE's process for handling employee concerns.
- 2/23 Issued IR 50-445/88-01, 50-446/88-01.
- 2/23 The NRC site staff met with Deviney to discuss the NRCs views of not hanging tags on equipment and components that have been identified as having nonconforming conditions.

- 2/23 Warnick, Livermore, and Hale met with TUE and contractor representatives to discuss concerns with document storage.
- 2/23 Warnick, Livermore, and HVAC inspectors met with Muffett, Fitzgerald, and Harrison to convey the NRCs concern with the lack of documentation of Bahnson welders and welds.
- 2/24 NRC site staff participated in training on the utilities NCR process.
- 2/24 Warnick, Livermore, and Wagner met with Stevens and others to discuss questions with the I&C PSR.
- 2/24 Warnick attended part of the CP Engineering monthly progress meeting.
- 2/24 Lyons was onsite in conjunction with the TUE-CASE public meeting on 2/25-27.
- 2/25 Warnick, Livermore, and Stanish met with TUE to discuss concerns with snubbers.
- 2/25-27 TUE had public meetings with CASE.
- 2/27 Livermore was onsite to accompany TUE and CASE on a plant tour.
- 2/29 Warnick, Livermore, and Wiebe met with Nace and A. Scott to discuss management aspects of the February inspection findings.
- 2/29-3/4 Norkin & 2 consultants were onsite to perform a design (seismic interaction) inspection.
- 3/1 Held the exit meeting for February inspections.
- 3/1 Livermore attended the TUE Management QA Overview Committee meeting.
- 3/1 Linda Ousley, Jeanna Higgins, and a Contel Telephone representative were onsite to discuss ways to reduce the cost of NRC onsite telephone service. Linda and Jeanna also took photos for picture badges for new NRC site staff.
- 3/1-2 Bruce Earnest (RIV) and Barry Manili (NRR) were onsite to perform a security inspection and to discuss the security separation of Unit 2 from Unit 1.
- 3/2 Issued IR 50-445/88-05, 50-446/88-04.

- 3/2 Moved the furniture from the old Senior Resident Inspector, Operations office to the main NRC onsite office. The old SRI, Operations office was returned to TUE. When the plant gets closer to fuel load, an office inside the protected area will be provided for operations resident inspectors.
- 3/3 Issued IR 50-445/88-07, 50-446/88-06.
- 3/3 Warnick was in RIV to meet with RIV management and to take care of administrative matters.
- 3/3 Put up new divider panels in the "bull pen" area to create additional offices.
- 3/4 Warnick, Livermore and Stanish met with Muffett and Finneran to discuss NRC concerns with snubber design/installation.
- 3/7 Issued IR 50-445/88-13, 50-446/88-13.
- 3/7 Returned 5 desks and 1 folding table to TUE.
- 3/7-8 Grimes was onsite for meetings with NRC site staff, TUE management, and Texas state representative (ASME issues).
- 3/7-10 Williams was onsite performing inspection of ASME issues.
- 3/8 Livermore and Dale met with TUE to discuss welds without galvanized coating.
- 3/9 Dee Meyer and Kelly Stephens (RIV) were onsite to inventory and tag NRC furniture and equipment and to inventory furniture being rented from TUE.
- 3/9-10 Lyons was onsite for allegation review committee meeting.
- 3/9-11 McKee and Gower were onsite for allegation review committee meeting.
- 3/10 Allegation review committee meeting onsite.
- 3/10 Livermore, Stanish, Graham, and Williams met with TUE to discuss SDAR CP-83-08 and ASME code interpretation.
- 3/11 Issued IR 50-445/88-09, 50-446/88-07.
- 3/11 Williams was in RIV to discuss ASME issues.
- 3/11 Livermore and Wagner met with Streeter to discuss electrical issues.

- 3/11 Warnick, Livermore, and Wiebe met with Walker and Delano to discuss the status of items on the open items list.
- 3/15 Livermore, Stanish, and Graham attended the SWEC project status meeting.
- 3/16-17 Livermore and Wagner were in HQ to discuss electrical issues with OSP:HQ and TUE.
- 3/17 Issued IR 50-445/88-12, 50-446/88-10.
- 3/17 Driskill (OI:RIV) was onsite for NRC investigation.
- 3/17-18 Wiebe and Amarjet Singh (RIV) were in HQ to discuss fire protection issues with OSP:HQ and TUE.
- 3/18 Warnick and Livermore met with Nace to discuss and review the weekly Project Status Report.
- 3/18 Issued IR 50-445/88-10, 50-446/88-08; IR 50-445/88-14, 50-446/88-12; and IR 50-445/88-15, 50-446/88-11.
- 3/21 Joseph L. Taylor, electrical consultant, started working onsite.
- 3/21-24 Williams was onsite performing inspection of ASME issues.
- 3/21-25 Wiebe was at Duane Arnold at the request of RIII to accompany Commissioner Zech on his site visit.
- 3/22 Warnick was in RIV to participate in meeting between SWEC-Denver and RIV Division management.
- 3/22 Issued IR 50-445/88-11, 50-446/88-09.
- 3/22-23 Grimes was onsite for meetings with NRC site staff, TUE, and the Texas state inspector (ASME).
- 3/23 Livermore and Graham met with TUE to discuss NRC concerns regarding performing UT through painted surfaces. A stop work order was subsequently issued by TUE.
- 3/23 Livermore and Hale met with Streeter to discuss the handling of NRC QA open items.
- 3/24 Warnick and Livermore met with Council and Nace to discuss NRC concerns regarding ASME issues and UT examination through painted surfaces.
- 3/24 Williams was in RIV to discuss ASME issues.

- 3/25 Warnick, Livermore, Stanish, and Graham met with Jenkins, Finneran, and Baker to discuss the ASME code aspect of SDAR CP-83-08 valves.
- 3/28 Warnick was in RIV to deliver a security inspection report and take care of some administrative matters.
- 3/28-30 Runyan was in HQ to attend training on "Inspecting for Performance."
- 3/29-31 Williams was onsite to meet with TUE and the Texas state inspector to review open ASME issues.
- 3/30 Stanish attended the Impell project meeting.
- 3/30-31 Griffin (OI:RIV) was onsite for an NRC investigation.
- 3/31 Livermore and Runyan met with TUE and ERC to discuss NRC questions regarding inspection attributes.