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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION
before the
ATOMIC SAFETY AND LICENSING BOARD

OFFICE OF SECRETARY
DOCKETING & SERVICE
BRANCH

In the Matter of)	Docket Nos. 50-445-OL
)	50-446-OL
TEXAS UTILITIES GENERATING)	
COMPANY et al.)	
(Comanche Peak Steam Electric)	(Application for an
Station, Units 1 and 2))	Operating License)
)	

APPLICANTS' TENTH PROGRESS REPORT

Pursuant to the Board's "Memorandum and Order (Progress Report and Notice of Available Documents)" entered June 6, 1986, the Applicants submit herewith their tenth "Progress Report". This Progress Report covers the period December 25, 1987 through February 29, 1988.

1. CPRT Progress

During the reporting period the Senior Review Team ("SRT") approved and published Results Report VII.a.9, Adequacy of Purchased and Safety-Related Material and Equipment. With the completion of Results Report VII.a.9, the SRT has published all of the applicable 47 Issue Specific Action

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Plans as well as three Discipline Specific Action Plans Results Reports.

In late December 1987, the SRT approved and published the Collective Evaluation Report. On February 26, 1988, the SRT approved the Collective Significance Report for publication on February 29, 1988.

The notice to CASE of the availability of the Working Files for all reports except Results Report VII.a.9 and the Collective Significance Report has been made. The notices of availability for these two reports will be issued as soon as the files have been assembled.

Responses to the Board's 14 questions have been provided for all but 5 of the published Results Reports. Preparation of these responses is in process.

2. Corrective Action Program

The following six Project Status Reports were issued during the reporting period:

- o Equipment Qualification
- o Electrical
- o Mechanical, Supplement A - Systems Interaction and Supplement B - Fire Protection
- o Instrumentation and Control
- o Civil/Structural
- o Heating, Ventilation and Air Conditioning (HVAC)

All eleven of the Project Status Reports have now been issued.

The notices of availability for all the above Project Status Reports, with the exception of HVAC, were issued during the reporting period. The notice of availability for the HVAC Project Status Report will be issued in early March 1988.

On December 18, 1987 via TXX-7099 TU Electric provided an initial response to NRC comments received during the December 9, 1987 public meeting. This was followed by TXX-88135 dated February 1, 1988, in which TU Electric provided a status report of actions previously identified.

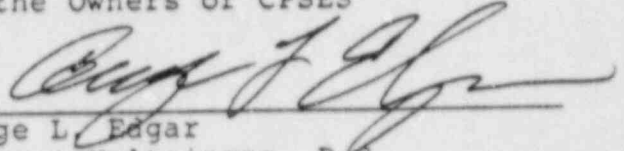
Several public meetings related to the Comanche Peak Steam Electric Station were held during this reporting period as follows:

- | | | |
|----------------------|---|---|
| February 5, 1988 | - | Technical meeting to discuss development and attenuation of jets from high-energy line breaks |
| February 18-19, 1988 | - | Technical meeting between TU Electric and CASE |
| February 25-27, 1988 | - | Technical meeting between TU Electric and CASE |

The next Progress Report will be issued April 29,
1988.

Respectfully submitted,

TEXAS UTILITIES ELECTRIC COMPANY
For the Owners of CPSES

A handwritten signature in dark ink, appearing to read "George L. Edgar", is written over a horizontal line.

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ANNOTATED BIBLIOGRAPHIES

Pursuant to the Board's Order of June 6, 1986 Applicants submit the attached Annotated Bibliographies of documents for the time period of December 26, 1987 thru February 25, 1988. The principles that were utilized, the documents that are annotated and the document sources are consistent with the guidelines and procedures that were used by Applicants in previous Annotated Bibliographies.

10 CFR 50.55 (e)

During the period of December 26, 1987 to February 25, 1988, Applicants issued 145 letters to the NRC concerning 133 items which had previously been identified as potentially reportable under the provisions of 10 CFR 50.55 (e). The letters are categorized as follows:

- A. 22 letters - Interim Report - Evaluation to determine reportability is continuing.
(No listing provided)
- B. 42 letters - Interim Report - Item determined to be reportable and evaluation/corrective action is continuing.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
9/30/87	TXX-6807	CP-86-10	Electrical Penetration Assemblies

This letter was transmitted to status corrective action implemented to date regarding a deficiency involving the electrical penetration assemblies supplied by Bunker Ramo.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
10/2/87	TXX-6831	CP-85-14	Unauthorized Support Repairs

This letter was transmitted to status corrective action implemented to date regarding a deficiency involving unauthorized repairs made to hangers.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
12/17/87	TXX-7109	CP-86-18	Safety Chilled Water Chiller Units

This report was submitted to status corrective action implemented to date regarding a deficiency involving difficulties in starting and operating the safety chilled water chiller units.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
12/18/87	TXX-7111	CP-86-63	Pipe Support Installations

This report was submitted to status corrective action implemented to date regarding a deficiency involving pipe support installations.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
12/18/87	TXX-7117	CP-87-51	480 V Containment Electrical Penetration Backup

This report was submitted to status corrective action implemented to date regarding a deficiency involving backup protection for the 480 V containment electrical penetrations.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
12/23/87	TXX-7041	CP-87-21	Effect of Thermolag on Derating Factors

This report transmitted information regarding a reportable deficiency involving the effect of thermolag on cable derating factors. The required information as to description of the problem, safety implications, and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
12/23/87	TXX-7124	CP-87-85	Degradation of Class 1E Circuits

This letter transmitted information regarding a deficiency involving the Safety Systems Inoperable Indication panel. The required information as to description of the problem, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
12/23/87	TXX-7125	CP-87-26	Diesel Generator Oil Transfer Pump Suction Lift

This report transmitted information regarding a deficiency involving the diesel generator fuel oil transfer pump. The required information as to description of the problem, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
12/29/87	TXX-7133	CP-82-07	Defective Governor Design Couplings

This report was submitted to status corrective action implemented to date in connection with a deficiency involving defective governor drive couplings on the diesel generators.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
12/30/87	TXX-7044	CP-86-31	Diesel Generator Sump Tank Foot Valves

This letter was transmitted to status corrective action implemented to date regarding a deficiency involving the possible failure of the rubber facing on foot valves mounted in the diesel generator lube oil sump tanks.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
12, 30/87	TXX-7141	CP-87-124	Xomax Valves

This report transmitted information concerning a deficiency involving Xomax valves. The required information as to description of the problem, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/5/88	TXX-88026	CP-87-122	Nozzle Load Interface

This letter transmitted information regarding a reportable deficiency involving nozzle load stresses which may fail to meet FSAR limits. The required information as to description of the problem, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/5/88	TXX-88027	CP-87-132	Unqualified Limitorque Actuators

This letter transmitted information regarding a reportable deficiency involving unqualified limitorque actuators. The required information as to description of the issue, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/5/88	TXX-88028	CP-87-139	Unqualified Terminal Blocks

This letter transmits information regarding a reportable deficiency involving equipment qualification of terminal blocks inside and outside of containment. The required information as to description of the issue, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/6/88	TXX-88016	CP-87-127	Overstressed Structure Design

This letter transmitted information regarding a deficiency involving platforms and supports which may be over stressed. The required information as to description of the deficiency, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/6/88	TXX-88031	CP-87-129	Containment Spray System PH

This letter transmitted information regarding a deficiency involving the containment spray ph. The required information as to description of the issue, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/6/88	TXX-88032	CP-87-128	Loss of Control Power Indication

This letter transmitted information regarding a reportable deficiency involving the Emergency Diesel Generator Auto Start Circuitry for loss of control power. The required information as to description of the issue, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/6/88	TXX-88034	CP-87-130	Service Water System Water Hammer

This letter transmitted information regarding a reportable deficiency involving the water hammer and column separation in the Service Water System. The required information as to description of the issue, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/6/88	TXX-88039	CP-85-31	Electrical Raceway Support System

This letter was transmitted to status corrective action implemented to date regarding a deficiency involving the Unit 1 Class 1E Electrical Raceway Support System.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/8/88	TXX-88050	CP-86-45	Seismic Category II System

This report was submitted to status corrective action implemented to date regarding a deficiency involving the interaction of Seismic Category II Systems and components with Seismic Category I installations.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88007	CP-87-91	Startup Transformer Overload

This letter transmitted information regarding a deficiency involving the overload capacity of the start up transformers. The required information as to description of the problem, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88021	CP-87-49	Safeguards Systems Wiring Terminations

This letter transmitted information regarding a reportable deficiency involving a condition cited at another nuclear facility in which an open electrical connection on one crimp lug caused a failure in load sequencing equipment. The required formation as to description of the problem, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88035	CP-85-39	Equipment Conduit Interface

This letter was transmitted to provide information and to status corrective action implemented to date regarding a deficiency involving conduit which was not installed in accordance with design documents.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88057	CP-86-52	Cable Tray Splices and Field Drilled Tray Holes

This letter was submitted to status corrective action associated with a deficiency involving splice/connections used for cable trays in Units 1 and 2.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88059	CP-876-13	Class 1E Separation Violations

This letter transmitted information regarding a deficiency involving Class 1E separation violations resulting from the removal of or modification of non-safety class cable tray covers after acceptance by CPSES Quality Control. The required information as to description of the problem, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88060	CP-87-40	Electrical Isolation Class 1E, Non 1E

This report transmitted information regarding a deficiency involving electrical isolation between Class 1E and Non-Class 1E equipment. The required information as to description of the deficiency, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88061	CP-87-45	Reactor Coolant Pump Motor Circuitry

This report transmitted information regarding a deficiency involving control logic and control power for the electrical breakers supplying the Rector Coolant Pump Motors. The required information as to description of the deficiency, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88062	CP-87-79	Cable and Raceway Data System Calculations

This report transmitted information regarding a deficiency involving cable field installations which may be inconsistent with the manner in which the Cable and Raceway Data System calculates percent fill and cable weight loading for cable trays. The required information as to description of the deficiency, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88066	CP-88-07	Reactor Coolant Pump Wiring

This report transmits information regarding a deficiency involving reactor coolant pump wiring. The required information as to description of the deficiency, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88069	CP-88-10	15 KV Bus Ampacity Rating

This report transmitted information regarding a deficiency involving the 15 kv bus ampactiy rating. The required information as to description of the deficiency, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88070	CP-86-11	Battery Charger Overheating

This report transmits information regarding a deficiency involving battery charger overheating. The required information as to description of the deficiency, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88071	CP-88-12	Class 1E and Non Class 1E Cable Separation

This report transmits information regarding a deficiency involving electrical separation criteria. The required information as to description of the deficiency, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88072	CP-87-51	480V Electrical Penetration Backup Protection

This report was submitted to status corrective action implemented to date regarding deficiencies involving backup protection for the 480 V containment electrical penetrations.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/12/88	TXX-88001	CP-87-62	Class 5 Pipe Supports

This report was submitted to status corrective action implemented to date regarding a deficiency identified in the use of nomographs to design seismically supported class 5 piping systems.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/13/88	TXX-88004	CP-87-16	Purge Gas Overpressurization of Tanks

This report was submitted to provide information regarding a deficiency involving the postulated failure of the nitrogen purge regulating valves which could overpressurize the Condensate Storage Tank and the Reactor Make Up Water Storage Tank. The required information as to description of the deficiency, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/13/88	TXX-88091	CP-86-35	Motor Operators for Manual Valves

This letter was transmitted to status corrective action implemented to date regarding a deficiency involving the motor operators for several valves in the main steam system.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/15/88	TXX-88008	CP-87-47	Consumable Materials Placement Program

This letter transmitted information regarding a deficiency involving the program for technical approval of replacement consumables. The required information as to description of the deficiency, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/15/88	TXX-88098	CP-86-10	Electrical Penetration Assemblies

This letter was submitted to status corrective action implemented to date regarding a deficiency involving the electrical penetration assemblies supplied by Bunker Ramo.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/18/88	TXX-88123	See List Attached to Letter	Reportable Items under 10CFR50.55(e)

This letter transmitted a status report on several items reportable under the provisions of 10CFR50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/19/88	TXX-88042	CP-87-50	Feedwater Pump Bearing Temperature

This letter was transmitted to status corrective action implemented to date regarding a deficiency involving abnormal thrust bearing temperatures on the Turbine Driven Auxiliary Feedwater Pump.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/25/88	TXX-88147	CP-85-35	Cable Hanger Design

This letter was transmitted to status corrective action implemented to date regarding a deficiency involving the design and construction activities of the cable tray support program.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/26/88	TXX-88149	CP-86-73	ASME Snubber Attachment Brackets

This letter was submitted to status corrective action implemented to date regarding a deficiency involving installation of ASME snubber attachment brackets.

C. 26 Letters - Final Report - Deficiency is not reportable.
(See listing as follows)

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
12/22/87	TXX-7083	CP-87-117	Service Water System Electrical Design

This is a final report of a deficiency involving the 118 volt interlock control circuitry for the Service Water System recirculation line isolation valves. Evaluation has determined that in the event of failure of either of the affected valves to close due to simultaneous power failures, the amount of Service Water System flow unavailable for heat removal would be insignificant and would not affect the safe operation of the service water system. Had this issue remained uncorrected, no condition adverse to the safety of plant operations would exist. This issue is not reportable under the provisions of 10CFR50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
12/23/87	TXX-7047	CP-86-55	Seismic Air Gap Design

This is a final report of a deficiency involving a potential design inadequacy of the seismic air gap between the Auxiliary Building and Units 1 and 2 Containment Buildings. Evaluations have confirmed that the existing seismic air gap is acceptable for the loading combinations contained in the FSAR. This issue, therefore, does not represent a significant deficiency in design or construction of the plant and is not reportable under the provisions of 10CFR50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
12/23/87	TXX-7048	CP-87-35	Raychem Motor Connection Kits

This is a final report of a deficiency involving Raychem Motor Connection Kits which were provided to CPSES with shims which may not be compatible with the use range requirements of the supplied breakout components. Because of the location of areas where the motor connection kits were used and the acceptability of insulation properties, it was concluded that this deficiency would not adversely affect safe plant operations. This issues is not reportable pursuant to 10 CFR 50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
12/2/87	TXX-7053	CP-87-105	Conductor Lug Terminations

This is final report a deficiency involving cable termination inspections which indicate that multiple cable termination deviations may exist. Engineering evaluation has determined that all lugs had full crimp impression on the barrel, all connections were mechanically sound, there were no loose connections and that imperfect crimping of conductor insulation has no adverse affect on the function of the cables. Based upon such evaluation it has been determined that this item is not reportable pursuant to 10 CFR 50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
12/23/87	TXX-7055	CP-87-112	Hot Shutdown Panel Seismic Analysis

This is a final report of a deficiency which indicated the Unit 2 hot shutdown panel and main control board may not be seismically qualified. Calculations were prepared to verify the structural integrity of the main control board and the hot shut down panel. There calculations confirmed structural integrity of the main control board and that the hot shutdown panel would not be impaired had the deficiencies gone uncorrected. Since this deficiency would not have caused a condition adverse to the safety of plant operations, it is not reportable under the provisions of 10CFR50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
12/23/87	TXX-7059	CP-87-75	Epoxy Grout Temperature

This is a final report of a deficiency involving the proper recording of contact surface temperatures prior to placement of epoxy type grouts. Review by Stone & Webster has determined that construction procedures in effect when epoxy grouts were used as well as related Inspection Reports provided confirmation that inspection personnel usually documented temperature readings or referred to manufacturers requirements and therefore were aware of temperature requirements associated with epoxy grout placement. This condition, therefore, is not reportable under provisions of 10CFR50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
12/23/87	TXX-7066	CP-86-81	BOP Safety-Related Instrument SetPoints

This is a final report of a deficiency involving the calculations of BOP safety-related instrument setpoints, indicating that omissions of required data or use of incorrect information occurred in performing the calculations required. Stone and Webster Engineering Corp. has reviewed the BOP instrument setpoint calculations and concluded that the condition has no safety significance. Further, new calculations performed by Stone & Webster Engineering Corp. using revised methodology for most of the setpoints has been completed, with no significant deficiency resulting. This issue, therefore, does not represent a significant deficiency in design or construction of the plant and is not reportable under provisions of 10CFR50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
12/23/87	TXX-7114	CP-87-84	Secondary Meter and Relay Circuit Cable Leads

This is a final report of a deficiency involving long electric cable leads in the secondary meter and relay CT circuits for the emergency Diesel Generator. Evaluation has been determined that the circuits in question are automatically bypassed during an emergency start of the diesel generator, and would not have prevented them from performing the intended safety function. It was concluded that had this issue remained uncorrected, no condition adverse to plant safety would have existed, therefore, the issue is not reportable under 10CFR50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
12/28/87	TXX-7126	CP-87-70	Pre-Bend Pipe Wall Thickness

This is a final report of a deficiency involving possible violation of pre-bend pipe wall thickness due to inadequate QC inspector procedures. To date all bends tested meet the manufacturer's minimum pipe wall thickness requirement. There is no indication that either the bending process or the lack of post-bend inspections resulted in any pipe wall thickness violations. This testing provides the basis for concluding this item is not reportable pursuant to 10CFR50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
12/29/87	TXX-7070	CP-87-38	Fire Detection System PC Boards

This is a final report of a deficiency involving possible excessive current damages to the annunciator circuitry of the printed circuit boards (PC boards) for the Fire Detection System. The problem was identified as resulting from a bent center pin within light sockets in local fire protection panels supplied by Allison Control, Inc. Analysis revealed that the problem was restricted to lamp sockets and appears to be a manufacturing defect. All sockets similar to those damaged are being replaced and specifications have been revised to require UL or FM listings on components used within Fire Protection Panels. Based upon evaluation, it was determined that this issue is not reportable pursuant to 10CFR50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
12/29/87	TXX-7127	CP-87-106	Component Design Specification Discrepancy

This is a final report of a deficiency involving the configuration of foundation bolting for safety-related mechanical equipment. The investigation of this issue performed under Issue Specific Action Plan VII.c, determined that by direct calculation or by reference to design calculations, the deviations in each case would not affect the safety function of the equipment, even under seismic loading conditions. This item is not reportable under the provisions of 10CFR50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/5/88	TXX-88012	CP-86-32	Thru Wall Embedded Conduit Sleeves

This is a final report of a deficiency involving thru wall embedded conduit sleeves. Evaluation of pertinent data regarding this issue has not identified any deficiencies meeting the requirements of reportability under provisions of 10CFR 50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/6/88	TXX-88005	CP-87-126	Fire Detection System Power Supply

This is a final report of a deficiency in the fire detection alarm circuitry in which a loss of emergency power would disable the fire detection functional capability of annunciating in the main control room. Evaluation of this issue has determined that the a fail-safe trouble contact in the Fire Detection Main Control Panel (FDMCP) would indicate a troubled condition at the FDMCP. This contact would close and annunciate. Therefore, no reportable deficiency exists.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/6/88	TXX-88018	CP-87-81	Weidmuller Terminal Block Connections

This is a final report of a deficiency involving apparent inadequacies in the installation and inspection procedure which have resulted in unacceptably loose wire connections at Weidmuller terminal blocks. An assessment of the safety significance of this issue based upon the results of field validations has resulted in the conclusion that no conditions adverse to the safety of plant operations exist. This issues is not reportable pursuant to 10CFR50.555(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/7/88	TXX-88043	CP-84-12	Impact of HELB Temperatures on Equipment

This letter transmitted a final report of a deficiency involving the environmental qualification of equipment outside containment for high energy line breaks. The results of engineering analysis and review have demonstrated that all CPSES equipment and cables, which are required to function to mitigate the consequence of a MSLB with a superheated steam release outside containment and to provide subsequent safe shutdown capability, are qualified with adequate margin to function during the event. This issue is not reportable under the provisions of 10CFR50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/8/88	TXX-88054	CP-87-72	Improperly Defined Weld Lengths

This letter transmitted a final report of a potential deficiency involving inadequate measurement of weld lengths in joints of structural tube steel for small bore and large bore pipe supports. After an evaluation, it has been determined that the subject welds meet applicable design requirements and no significant deficiencies exist. This issue is not reportable under the provision of 10CFR50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/8/88	TXX-88056	List Attached to Letter	Potentially Reportable 10CFR50.55(e) Items

This letter transmitted a list of potentially reportable items that evaluation has determined are not reportable under the provisions of 10CFR50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88019	CP-87-36	Equipment Qualification

This is a final report of a deficiency involving evaluations which indicate that the vendor equipment furnished in accordance with several balance of plant project specifications contained deficiencies and discrepancies. Engineering evaluation has concluded that deficiencies in the vendor reports do not affect the qualification of equipment.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88022	CP-87-95 CP-87-89 CP-87-88	Design of Power and Control cables

This is a final report of three deficiencies involving inadequate design of power and control cables connected to the 125 VDC vital buses. After engineering evaluation it was concluded the deficiencies were not reportable under the provisions of 10CFR50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88047	List Attached to Letter	Potentially Reportable 10CFR50.55(e) Items

This letter transmitted a list of potentially reportable items that evaluation has determined are not reportable under the provisions of 10CFR50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88073	CP-86-68	Weather Protection

This is a final report of deficiency involving weather protection of Class 1E components used in outdoor installations. Evaluation has found no safety significant conditions relating to this issue, therefore, it is not reportable pursuant to 10CFR50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/13/88	TXX-88082	CP-87-65	LOCA Effects on HVAC duct

This letter transmitted a final report of a deficiency involving a postulated loss of coolant accident effect on HVAC ducts inside the Containment Building. Based on the results of parametric studies and related analyses, it was determined that the ductwork will not fail catastrophically due to loss of coolant accident inside containment. This issue, therefore, is not reportable under the provisions of 10CFR50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/18/88	TXX-88120	CP-87-12	Containment P/T Analysis Computer Error

This letter transmitted a final report of a deficiency involving a computer error in the containment pressure/temperature analysis. Evaluation of all safety-related equipment inside containment required to be qualified for peak containment temperatures indicated no significant deficiency was created by the increased peak temperature value. This issue, therefore, is not reportable under provisions of 10CFR50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/19/88	TXX-88046	CP-87-30	Roll-Away Missile Shields

This is a final report of a deficiency involving errors in the seismic qualification report supplied by the vendor of the Roll-Away Missile Shields. The completed evaluation has concluded that this issue is not reportable pursuant to 10CFR50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/19/88	TXX-88121	See List Attached to Letter	Potentially Reportable 10CFR50.55(e) Items

This letter transmitted a list of potentially reportable items determined not to be reportable under the provisions of 10CFR50.55(e).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/28/88	TXX-88152	CP-87-32	Quality Control Inspection Qualification

This letter transmits a final report of a deficiency involving apparent weaknesses in the Quality Control Inspector Certification Program. Reference was made to the evaluations made pursuant to ISAP I.d.1, "QC Inspector Qualifications" which concluded the certification program was adequate. This issue, therefore, is not reportable pursuant to 10CFR50.55(e).

D. 55 letters - Final Report - Deficiency is reportable and corrective action taken.
(See listing as follows)

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/6/88	TXX-88025	CP-87-121	6.9 kv/480V Transformer Bus Bar Clearance

This letter transmits a final report of a deficiency involving 6.9 kV/480V transformer bus bar clearance. The required information as to description of the issue, safety implications and corrective action for this item is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88049	CP-87-123	Terminations Not Per Drawing

This letter transmits a final report of a deficiency involving wire terminations not in accordance with design drawings. The required information as to descriptions of issue, safety implications and corrective action for this item is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88063	CP-87-101	Class 1E Cable Arrangement

This letter transmits a final report of a deficiency involving Class 1E Cable arrangement. The required information as to description of the problem, safety implications and corrective action for this item is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88064	CP-87-134	Class 1E AC Electrical System

This letter transmits a final report of a deficiency involving cable ampacity ratings, voltage ratings and Class 1E separation criteria. The required information as to description of the problem, safety implications and corrective action for this item is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88065	CP-87-136	Motor Control Center Space Heaters

This letter transmits a final report of a deficiency involving electrical separation related to space heaters for Class 1E motor control centers. The required information as to description of the deficiency, safety implications and corrective action for this item is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88068	CP-88-09	Electrical Penetration Overload Protection

This letter transmitted a final report of a deficiency involving the overloading of and the lack of backup protection devices for Class 1E and non-Class 1E electrical penetrations. The required information as to description of the deficiency, safety implications and corrective action for this item is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88074	CP-87-93	MCC Starter Coils

This letter transmits a final report of a deficiency involving MCC starter coils. The required information as to description of the deficiency, safety implications and corrective action is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/11/88	TXX-88075	CP-87-119	Essential and Emergency Lighting Supports

This letter transmitted a final report on a deficiency involving installation of essential lighting and emergency lighting systems. This item was not considered a separately reportable item under 10CFR50.55(e) since it had previously been addressed in two SDAR's.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/13/88	TXX-88067	CP-88-08	Battery Room Heaters

This letter transmits a final report of a deficiency involving qualification of unit heaters in Class 1E battery rooms. The required information as to description of the deficiency, safety implications and corrective action for this item is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/18/88	TXX-88009	CP-87-15	Air Accumulators for Control Valves

This letter transmits a final report of a deficiency involving the air accumulators for air-operated control valves. The required information as to description of the deficiency, safety implications and corrective action for this item is provided in this report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/18/88	TXX-88078	CP-86-13	Jet Impingement Load Review

This is a final report of a deficiency involving a computer entry error which could invalidate portions of the jet impingement load review for high energy line breaks. The required information as to description of the deficiency, safety implications and corrective action for this item is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/18/88	TXX-88102	CF-87-17	Control Room Habitability

This is a final report of a deficiency involving control room habitability following radiological accidents. The required information as to description of the deficiency, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/18/88	TXX-88103	CP-87-18	Safety Chilled Water System Chiller Units

This item was transmitted to status corrective action and to provide a final report concerning a deficiency involving the Safety Chilled Water Chiller units. The required information as to description of the deficiency, safety implications and corrective action are provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/18/88	TXX-88104	CP-87-19	Ambient Air Effects- MSIV Actuators

This letter transmitted a final report regarding a deficiency involving the ambient temperature effects on MSIV actuators. The required information as to description of the deficiency, safety implications and corrective action is provided for the issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/18/88	TXX-88105	CP-87-25	Oil Tank Vent Missile Protection

This letter transmitted a final report regarding a deficiency involving failure to provide missile protection for the diesel fuel oil storage tank vent piping. The required information as to description of the deficiency, safety significance and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/18/88	TXX-88107	CP-87-29	Isolation of Component Cooling Water

This is a final report submitted to provide additional information describing the cause of the deficiency involving instrumentation and controls used for isolation of component cooling water to the reactor coolant pump thermal barrier heat exchanger, and corrective actions for the issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/18/88	TXX-88108	CP-87-55	Containment Spray Pump Recirculating Piping

This letter transmitted a final report regarding a deficiency involving the containment spray pump recirculation piping. The report provides information concerning the preventive and corrective actions implemented for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/18/88	TXX-88112	CP-87-108	Feedwater Pump Low Suction Trip

This letter was transmitted to status corrective and preventive action and to provide a final report concerning a deficiency involving the low suction pressure trip function of the Auxiliary Feedwater (AFW) Pumps which may render the AFW System inoperable.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/18/88	TXX-88114	CP-88-01	CCW Surge Tank Capacity

This letter transmits a final report of a deficiency involving the failure to properly establish the low and empty level setpoints for the Component Cooling Water System Surge tank. The required information as to description of the issue, safety implications and corrective action is provided for the issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/18/88	TXX-88115	CP-88-15	Containment Maximum Flood Level

This letter transmits a final report of a deficiency involving containment maximum flood. The required information as to description of the deficiency, safety implications and corrective action for this issue is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/18/88	TXX-88118	CP-87-133	High Energy Line Break Analysis

This letter transmits a final report of a deficiency involving multiple examples of potentially significant conditions concerning High Energy Line Break Analysis. The required information as to description of the deficiency, safety implications and corrective action for this issue is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/18/88	TXX-88119	CP-88-53	Pipe Whip Restraint Design Methodology

This letter transmitted a final report of a deficiency involving the methodology used for design of pipe whip restraints. The required information as to description of the deficiency, safety implications and corrective action for this issue is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/19/88	TXX-88109	CP-87-90	RHR Relief Valve Piping

This letter transmitted a final report regarding a design deficiency involving relief valve piping connected to the Residual Heat Removal Pump suction piping. The report addresses the the cause of the condition as well as the preventive action and corrective action implementation schedule.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/19/88	TXX-88113	CP-87-129	Containment Spray System PH

This letter was transmitted to status corrective action and to provide a final report concerning a deficiency involving the containment spray ph. The final report addresses preventive action and an implementation schedule required to resolve the issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/19/88	TXX-88116	CP-87-16	Containment Spray Chemical System

This letter transmitted a final report of a deficiency involving the Containment Spray System chemical additive tank and associated piping which has been identified as being designed and fabricated from material that does not provide the specified design life. The required information as to description of the deficiency, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/20/88	TXX-88086	CP-87-64	Design Basis Tornado Analysis

This letter is a final report of a deficiency involving the pressure relieving capacity of the tornado venting devices in Units 1 and 2. The required information as to description of the deficiency, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/20/88	TXX-88106	CP-87-26	Fuel Oil Transfer Pump Suction Lift

This letter transmitted a final report regarding deficiency involving diesel generator fuel oil transfer pump suction lift. The report provided the corrective action for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/20/88	TXX-88110	CP-87-100	Containment Piping Penetrations

This letter was transmitted to status corrective and preventive action and to provide a final report concerning a deficiency involving the lack of overpressure protection for three containment penetrations.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/20/88	TXX-88127	CP-87-137	Diesel Generator Heat Exchanger

This letter transmits a final report of a deficiency involving the diesel generator governor heat exchanger which could reduce the cooling capacity of the heat exchanger. The required information as to description of the deficiency, safety implications and corrective action is provided for the issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/21/88	TXX-88020	CP-87-103	Cracked Gears in Valve Operators

This letter transmitted a final report of a deficiency involving cracked gears in valve operators. The required information as to description of the deficiency, safety implications and corrective action is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/21/88	TXX-88126	CP-87-46	Containment Pump Rotor/Stator Gap

This letter transmits a final report of a deficiency involving unsatisfactory internal clearances for two Containment Spray Pump Motors. The required information as to description of the deficiency, safety implications and corrective action for this issue is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/25/88	TXX-88138	CP-88-13	Auxiliary Feedwater System Air Accumulators

This letter transmits a final report of a deficiency in which the Auxiliary Feedwater System air accumulators for the flow control and recirculation valves may be inadequately sized to satisfy FSAR commitments. The required information as to description of the deficiency, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/25/88	TXX-88141	CP-88-05	AFW Instrumentation Electrical Separation

This letter transmits a final report of a deficiency involving Auxiliary Feedwater instrumentation electrical separation. The required information as to description of the deficiency, safety implications and corrective/preventive action is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/25/88	TXX-88142	CP-88-104	Safety System Setpoint Calculation Errors

This letter transmits a final report of a deficiency involving errors in protection actuation setpoint calculations for NSSS systems. The required information as to description of the deficiency, safety implications and corrective action is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/25/88	TXX-88144	CP-88-18	Post Accident Monitoring Instrumentation

This letter transmits a final report of a deficiency involving post accident monitoring channels for the Reactor Coolant System. The required information as to description of the deficiency, safety implications and corrective action is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/28/88	TXX-88137	CP-87-54	Class 1E MOV Motor Starters

This letter transmits a final report of a deficiency involving electrical design drawings which do not implement FSAR requirements for Class 1E motor-operated valve motor starters. The required information as to description of the deficiency, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/28/88	TXX-88157	CP-88-20	HELB Detection and Mitigation

This letter transmits a final report of a deficiency involving instrumentation utilized in the detection and mitigation for several high energy line breaks located outside containment. The required information as to description of the deficiency, safety implications and corrective action is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/29/88	TXX-88099	CP-86-36	Large Bore Piping and Supports

This letter transmitted a final report regarding deficiency issues associated with large bore piping and pipe supports. References was made to the Project Status Report on Large Bore Piping and Pipe Supports for a discussion of the program to resolve these issues, the results and corrective and preventive action implemented.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/29/88	TXX-88100	CP-86-71	Small Bore Piping Supports

This letter transmitted a final report regarding deficiency issues associated with small bore piping and pipe supports. Reference was made to the Project Status Report on Small Bore Piping and Pipe Supports for a discussion of the program to resolve these issues, the results and corrective and preventive action implemented.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/29/88	TXX-88129	CP-87-114	Flexible Metal Tubing Misalignment

This letter transmits a final report of a deficiency involving unacceptable flexible metal tubing installations in safety-related applications. The required information as to description of the issue, safety implications and corrective action for this item is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/29/88	TXX-88132	CP-87-44	Unistrut Tubing Support Bolting

This letter transmits a final report of a deficiency involving specification CPSES-1018 "Installation of Piping/Tubing and Instrumentation" which allows the use of either ASTM A-307, Grade A or B or SAE J-429, Grade 1 or 2 bolting in tubing supports. The required information as to description of the deficiency, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/29/88	TXX-88140	CP-88-21	Instrument Tubing Clamps

This letter transmits a final report of a deficiency involving J. C. White Tube Clamps. The required information as to description of the deficiency, safety significance and corrective/preventive action is provided for the issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/29/88	TXX-88143	CP-88-19	Cable Insulation Resistance Loop Accuracy

This letter transmits a final report of a deficiency involving instrument cable insulation inside containment not being suitable for post-accident environments. The required information as to description of the deficiency, safety implications and corrective action is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/29/88	TXX-88146	CP-86-19	Instrumentation Installations

This letter transmits a final report of deficiencies involving pressure instrumentation installations at CPSES. Evaluations addressed in the final report include the following related issues: Fire Effects on Instrument Tubing (CP-86-16), Unistrut Spring Nuts on Instrument Supports (CP-86-50), Elevated Temperature Effects on Tubing (CP-86-70) and Instrument Tubing Minimum Wall Thickness (CP-86-77).

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/29/88	TXX-88156	CP-87-16	Limit Switch Wiring

This letter transmits a final report of a deficiency involving installation of safety related valve limit switches. The required information as to description of the deficiency, safety implications and corrective action is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/29/88	TXX-88164	CP-88-24	Instrument Tube Restraints and Supports

This letter transmits a final report of a deficiency involving instrument tube restraints and supports. The required information as to description of the deficiency, safety implications and corrective action is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
1/29/88	TXX-88170	CP-88-25	Auxiliary Feedwater Pump Control Panel

This letter transmits a final report of a deficiency involving the design of the Auxiliary Feedwater Pump Turbine control panel which would impair the Auxiliary Feedwater System's ability to provide emergency feedwater to the steam generators. The required information as to description of the deficiency, safety implications and corrective action is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
2/4/88	TXX-88036	CP-87-120	Tornado Missile Barriers

This letter transmits a final report of a deficiency involving tornado missile barriers. The required information as to description of the issue, safety implications and corrective action for this item is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
2/4/88	TXX-88055	CP-87-115	Seismic Analysis of Water Intake System

This letter transmits a final report of a deficiency involving the seismic analysis of the Service Water Intake Structure. The required information as to description of the problem, safety implications and corrective action for this item is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
2/4/88	TXX-88124	CP-88-23	Design Groundwater Elevation

This letter transmits a final report of a deficiency involving the design basis groundwater level at CPSES. The required information as to description of the deficiency, safety implications and corrective action for this issue is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
2/4/88	TXX-88125	CP-87-53	Seismic Category I Platforms

This letter transmits a final report of a deficiency involving Seismic Category II platforms. The required information as to description of the deficiency, safety implications and corrective action for this issue is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
2/4/88	TXX-88131	CP-87-67	Undersized Bolts and Missing Jam Nuts

This letter transmits a final report of a deficiency involving the absence of jam nuts on the Unit 1 rotating platform and undersized bolts in vendor fabricated structural steel installations. The required information as to description of the problem, safety implications and corrective action is provided for this issue.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
2/4/88	TXX-88159	CP-87-130	Service Water System Water Hammer

This letter transmitted information regarding implementation of corrective action and a final report for a deficiency involving Service Water System water hammer and column separation at the inlet and outlet of the emergency diesel generator jacket water coolers.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
2/5/88	TXX-88017	CP-87-78	Bolted Connectors in Shear Planes

This letter transmits a final report of a deficiency involving deviations in the structural steel bolting in the cable spreading rooms. The required information as to description of the deficiency, safety implications and corrective action for this item is provided in the report.

<u>Date</u>	<u>Letter No.</u>	<u>SDAR No.</u>	<u>Subject</u>
2/11/88	TXX-88010	CP-87-109	Inappropriate Deficiency Documentation

This letter transmits a final report of a deficiency involving inappropriate deficiency documentation. The required information as to description of the deficiency, safety implications and corrective action for this item is provided in this report.

RESPONSES TO NRC INSPECTION REPORT/
NOTICE OF VIOLATION / NOTICE OF DEVIATION

The following correspondence was issued by Applicants to the NRC concerning inspection reports, during the period of December 26, 1987 to February 25, 1988:

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
7/31/87	TXX-6597	Revised Response to Notice of Deviation

This letter transmitted a revised response to NOD, Item 1.5 relating to Inspection Report No. 50-445/86-07.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
12/7/87	TXX-7037	Response to Notice of Violation and Notice of Deviation

This letter transmitted a response to NOV, Item C and NOD relating to Inspection Report Nos. 50-445/87-16 and 50-446/87-13.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
12/18/87	TXX-7067	Response to Inspection Reports

This letter transmitted a response to open items identified in connection with Inspection Report Nos. 50-445/87-04 and 50-446/87-04.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
12/31/87	TXX-7119	Revised Date of Full Compliance

This letter transmitted a revised date of full compliance for NOV, Item D.1 relating to Inspection Report Nos. 50-445/8603 and 50-446/8602.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
12/31/87	TXX-7120	Revised Responses to Notice of Violation

This letter transmitted a revised response to NOV, Item A relating to Inspection Report Nos. 50-445/86-26 and 50-446/86-22.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
12/31/87	TXX-7131	Revised Date of Full Compliance

This letter transmitted a revised date of full compliance for Inspection Report Nos. 50-445/86-03 and 50-446/86-02.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
12/31/87	TXX-7132	Revised Date of Full Compliance

This letter transmitted a revised date of full compliance for NOD 445/8716-D-01.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
12/31/87	TXX-7139	Revised Date of Full Compliance

This letter transmitted a revised date of full compliance for NOV, Item B and C relating to Inspection Report Nos. 50-445/87-18 and 50-446/87-14.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/7/88	TXX-88011	Revised Date of Full Compliance

This letter transmitted a revised date of full compliance for NOV, Item A relating to Inspection Report No. 50-445/84-16.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/11/88	TXX-88030	Revised Response to Notice of Violation

This letter transmitted a revised response to NOV, Item C relating to Inspection Report Nos. 50-445/85-18 and 50-446/85-15.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/13/88	TXX-88080	Response to Notice of Deviation

This letter transmitted a response to NOD relating to Inspection Report Nos. 50-445/87-29 and 50-446/87-21.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/13/88	TXX-88092	Revised Date of Full Compliance

This letter transmitted a revised date of full compliance for NOV, Item C relating to Inspection Report Nos. 50-445/87-16 and 50-446/87-13.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/15/88	TXX-88079	Revised Date of Full Compliance

This letter transmitted a revised date of full compliance for NOV, Item B relating to Inspection Report Nos. 50-445/87-30 and 50-446/87-22.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/18/88	TXX-88081	Response to Notice of Deviation and Notice of Violation

This letter transmitted a response to NOV, Item A and B and NOD relating to Inspection Report Nos. 50-445/87-31 and 50-446/87-23.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/29/88	TXX-88136	Revised Date of Full Compliance

This letter transmitted a revised date of full compliance for NOV, Item D relating to Inspection Report Nos. 50-445/18-13 and 50-446/85-09.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/29/88	TXX-88158	Revised Date of Full Compliance

This letter transmitted a revised date of full compliance for NOV, Item A relating to Inspection Report Nos. 50-445/87-11 and 50-446/87-09.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/29/88	TXX-88160	Revised Response to Notice of Deviation

This letter transmitted an updated response to NOD relating to Inspection Report Nos. 50-445/87-18 and 50-446/87-14.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/29/88	TXX-88162	Revised Response to Notice of Deviation

This letter transmitted a revised and updated response to NOD relating to Inspection Report Nos. 50-445/87-31 and 50-446/87-23

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/29/88	TXX-88163	Response to Open Items

This letter transmitted response to Open Items relating to Inspection Report Nos. 50-445/87-04 and 50-446/87-04.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/29/88	TXX-88165	Revised Date of Full Compliance

This letter transmitted a revised date of full compliance for NOV, Item A relating to Inspection Report Nos. 50-445/87-11 and 50-446/87-09.

CPRT/CORRECTIVE ACTION PROGRAM

The following correspondence was issued by Applicants to the NRC concerning CPRT and/or the Corrective Action Program during the time period of December 26, 1987 thru February 25, 1988:

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
6/25/87	TXX-6540	CPRT Program Plan

This letter transmitted Revision 4 to the Comanche Peak Response Team Program Plan.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
9/23/87	TXX-6783	Post Construction Hardware Validation Program

This letter transmitted the Attribute Matrix for the Post Construction Hardware Validation Program.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
9/29/87	TXX-6809	CPRT Results Reports

This letter transmitted SRT approved CPRT Results Reports.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
11/2/87	TXX-6845	Project Status Report

This letter transmitted copies of the Project Status Report for "Large Bore Piping and Pipe Supports," Rev. 0.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
11/2/87	TXX-6846	Project Status Report

This letter transmitted copies of the Project Status Report for "Small Bore Piping and Pipe Supports," Rev. 0.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/8/88	TXX-88044	Project Status Report

This letter transmitted copies of the Project Status Report for "Equipment Qualification," Rev. 0.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/15/88	TXX-88097	Project Status Report

This letter transmitted copies of the Project Status Report for "Electrical," Revision 0.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/25/88	TXX-88117	Project Status Report

This letter transmitted copies of the Project Status Report for "Mechanical Supplement A - Systems Interaction," Revision 0 and "Mechanical Supplement B - Fire Protection," Revision 0.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
2/1/88	TXX-88135	Corrective Action Response

This letter transmitted a status of actions identified in a letter of December 18, 1987 responding to comments on the CPSES corrective action effort made by the NRC Staff during the December 9, 1987 public meeting.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
2/1/88	TXX-88145	Project Status Report

This letter transmitted the Project Status Report for "Instrumentation and Controls," Revision 0.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
2/29/88	TXX-88269	Collective Significant Report

This letter transmitted an SRT approved Results Report for ISAP VII.a.9 and the Collective Significance Report.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
11/6/87	TXX-6930	Project Status Report

This letter transmitted the Project Status Report for "Cable Tray and Cable Tray Hangers," Rev. 0.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
11/11/87	TXX-6948	Project Status Report

This letter transmitted the Project Status Report for "Conduit Support Train C 2 Inch Diameter and Less," Rev. 0.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
12/16/87	TXX-6958	PSR Referenced Procedures

This letter transmitted the latest revisions to field verification methods, quality inspection procedures, and erection specifications referenced in Project Status Reports.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
12/18/87	TXX-7099	Response to Comments on Corrective Action Program

This letter transmitted a response to comments made by the NRC Staff during a public meeting held on December 9, 1987 concerning the CPSES corrective action effort.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
12/30/87	TXX-6858	Results Report Information

This letter provided a response to the NRC Staff's request for additional information on ISAP V.a Results Report.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
12/31/87	TXX-7134	CPRT Results Report

This letter transmitted an SRT approved CPRT Results Report for ISAP VII.c. and the Collective Evaluation Report.

CYGNA

The following correspondence was issued by Applicants concerning CYGNA during the time period of December 26, 1987 thru February 25, 1988:

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
6/9/87	TXX-6515	Cygn Document Request

This letter transmitted documents requested by Cygna.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
9/4/87	TXX-6718	Cygn Document Request

This letter transmitted documents requested by Cygna.

INTERNAL AND TECHNICAL AUDITS

The following internal and technical audit reports of CPSES Engineering and Construction activities were issued in the period from December 26, 1987 - February 26, 1988:

Number: ATP-87-55
Date: 12/9/87-12/16/87
Report Date: 1/4/88

Scope: Verification of implementation of technical and design control requirements applicable to seismic qualification of CPSES plant equipment within Impell's scope of work as performed at Impell's Fort Worth, Texas and Walnut Creek, California facilities. All category I equipment considered except NSSS equipment under Westinghouse and Impell Chicago.
Location: Impell, Fort Worth, Texas

Number: ATP-87-62
Date: 11/17/87-11/23/87
Report Date: 12/29/87

Scope: Verification of implementation of Ebasco Systems Interface program, which included technical and programmatic aspects of the program for essential plant items.
Location: Ebasco, CPSES site

Number: ATP-88-64
Date: 1/4/88-1/8/88
Report Date: 1/22/88

Scope: Verification and Technical evaluation of the preparation, issuance and control of calculations and design validation packages within the civil/structural discipline.
Location: SWEC, Boston, MA

Number: ATP-87-65
Date: 9/18/88-1/22/88
Report Date: 2/6/88

Scope: Verification and technical evaluation of SWEC-CAP electrical design validation program.
Location: SWEC, Boston, MA

Number: ATP-87-66
Date: 12/14/87-12/18/87
Report Date: 12/31/87

Scope: Technical evaluation of SWEC-CAP nuclear and the effects of radiation on safety related equipment and components.
Location: SWEC, CPSES Site

Number: ATP-87-67
Date: 11/17/87-11/24/87
Report Date: 12/31/87

Scope: Verification of Unit 1 Cable Tray Hanger site design validation and reconciliation of designed and as-built configuration work as performed by Ebasco Services.
Location: Ebasco, CPSES Site

Number: ATP-87-68
Date: 11/16/87-11/20/87
Report Date: 12/17/87

Scope: Verification of implementation of Grinnell's technical and design control program for CPSES Unit 1 Fire Protection Systems within the Unit 1 Safety related areas.
Location: Grinnell, CPSES Site

Number: ATP-87-71
Date: 11/9/87-11/13/87
Report Date: 12/22/87

Scope: Verification of implementation of EPM's technical and design control program for CPSES fire protection program as related to the safe shutdown analysis.
Location: EPM, CPSES Site

Number: ATP-87-73
Date: 11/9/87-11/3/87
Report Date: 12/12/87

Scope: Verification and technical evaluation of SWEC-CAP I & C design validation program as related to setpoint calculations and Design Basis Documents.
Location: SWEC, Boston, MA

Number: ATP-87-75
Date: 11/9/87-11/13/87
Report Date: 12/12/87

Scope: Verification and technical evaluation of Impell compliance with the technical and design control requirements as related to seismic qualification of plant equipment.
Location: Impell, Lincolnshire, IL

Number: ATP-87-76
Date: 4/7/87-7/16/87
Report Date: 12/14/87

Scope: Tenera technical audit surveillance report on piping and pipe supports review.
Location: SWEC, Cherry Hill, NJ

Number: ATP-88-77
Date: 1/6/88-2/4/88
Report Date: 2/19/88

Scope: Verification and technical evaluation of the adequacy of design validation activities including the resolution of generic issues as related to feedwater and component cooling water systems.
Location: SWEC, Boston, MA
New York, NY
Impell, Fort Worth, TX

Number: ATP-88-78
Date: 1/5/88-1/13/88
Report Date: 1/27/88

Scope: Verification of implementation of the technical and design control requirements as applicable to the SWEC-PSAS Unit 2 small bore pipe stress/pipe support design requalification program.
Location: SWEC, CPSES Site

Number: ATP-88-79
Date: 1/25/88-1/29/88
Report Date: 2/12/88

Scope: Verification implementation of technical and design control requirements as applicable to seismic qualification of Unit 1 NSSS plant equipment within the Westinghouse scope of work. Audit also included the verification of satisfactory resolution of previously identified deficiencies and observations.
Location: Westinghouse, Pittsburgh, PA.

Number: ATP-88-80
Date: 1/25/88-1/29/88
Report Date: 2/12/88

Scope: Verification and technical evaluation of HVAC systems calculations as related to modifications and changes in design, procedural compliance, DIR resolutions and CPSES fire protection program.
Location EBASCO, New York, NY

Number: ATP-88-81
Date: 1/20/88-1/26/88
Report Date: 2/10/88

Scope: Verification of implementation and technical evaluation of the design control requirements as applicable to Train "C" conduit support program. Emphasis placed on evaluation of computer analyzed supports, resolution of DIR's and control of support modifications.
Location: Impell, CPSES Site

Number: ATP-87-536
Date: 11/2/87-12/2/87
Report Date: 12/18/87

Scope: Verification of implementation of corrective action commitments in CPRT commitment tracking report, Rev. 0 for ISAP VII.a.4, "Audit Program and Auditor Qualification".
Location: TU Electric, NEO Senior Management, CPSES Site

Number: ATP-87-538
Date: 11/30/87-12/18/87
Report Date: 12/31/87

Scope: Verification of implementation of corrective and preventive actions relative to ISAP VII.c, Appendix 17, "Mechanical Equipment Installation".
Location: TU Electric, CPSES Site

Number: ATP-87-539
Date: 11/16/87-12/8/87
Report Date: 12/31/87

Scope: Verification of implementation of corrective and preventive actions relative to ISAP VII.c, Appendix 10, "Piping and Fabrication".
Location: TU Electric, CPSES Site

Number: ATP-87-541
Date: 11/9/87-12/16/87
Report Date: 12/31/87

Scope: Evaluation of the adequacy and effectiveness of the corrective action relative to selected portions of ISAP VII.c, Appendix 31, "HVAC Duct Supports".
Location: TU Electric, CPSES Site

Number: ATP-87-544
Date: 12/7/87-12/16/87
Report Date: 1/12/88

Scope: Verification of implementation of corrective and preventive actions relative to ISAP VII.c, Appendix 6, "Electrical Equipment Installation".
Location: TU Electric, CPSES Site

Number: TCP-88-01
Name: TU Electric Site Subcontractors (Engineering & Construction)
Date: 1/25-2/3/88
Report Date: 2/12/88

Scope: TU Electric QA audit TCP-88-01 was performed at CPSES during the period of January 25, 1988 thru February 3, 1988. The purpose of the audit was to verify the adequacy of all project organizations Quality Assurance Programs. The Audit was to include the review of written policies, procedures or instructions to determine compliance with the requirements of 10CFR50 Appendix B, Criteria I & II.

Number: TCP-87-43
Name: Impell Equipment Qualification
Date: 12/28/87-1/8/88
Report Date: 1/26/88

Scope: TU Electric QA Audit TCP-87-43 was performed December 12, 1987 thru January 8, 1988 at CPSES, to verify the implementation of Impell's Equipment Qualification (EQ) Program. This review included personnel qualifications of engineers and auditors, organizations preparation of Project Instruction, Correspondence Control, Technical Quality Review, Technical Reports, Audits, Surveillances, NCR and SDAR processing and Discrepancy Forms.

Number: TCP-87-45
Name: CPSES HVAC Program
Date: 12/7-14/87
Report Date: 12/23/87

Scope: TU Electric QA Audit, TCP-87-45, was performed on December 7-14, 1987 at Comanche Peak Steam Electric Station, to verify adequacy and the implementation of the HVAC program including duct/duct support installation and inspection, design and design change control, document control, maintenance of records, and personnel training.

Number: TCP-87-49
Name: CPE: EA Surveillance Program
Date: 12/21-23/87
Report Date: 1/8/88

Scope: TU Electric QA Audit, TCP-87-49 was performed on December 21-23, 1987, at Comanche Peak Steam Electric Station, to verify the implementation of the CPE Surveillance Program by CPE Engineering assurance. This audit also included a review of the organization, personnel training, and control of records.

Number: TCP-87-50
Name: Electrical Conduit Installation/Inspection
Date: 12/14-22/87
Report Date: 1/14/88

Scope: TU Electric QA Audit, TCP-87-50 was performed on December 14-22, 1987 at Comanche Peak Steam Electric Station to verify the adequacy and implementation of the Electrical Conduit Installation Inspection Program. This included personnel training, records control, organization and design/design control.

Number: TCP-87-51
Name: Specification Review (SPASU) Program
Date: 11-30/12-10-87
Report Date: 12/18/87

Scope: TU Electric QA Audit, TCP-87-51 was performed on November 30 through December 10, 1987 at CPSES, to evaluate the implementation of the Specification Procedure and Drawing Update (SPADU) Program activities being performed by SWEC-CAP for the Phase I installation specification review and approval.

Number: TUG-87-02
Name: ODCM (Offsite Dose Calculation Manual)
Date: 1/11-14/88
Report Date: 1/27/88

Scope: TU Electric QA Audit, TUG-87-02 was performed on January 11-14-88 at CPSES to verify the readiness of the ODCM (Offsite Dose Calculation Manual) for submittal to the commission for approval. The contents of the ODCM was verified against the requirements of NUREG 0133, Reg. Guide 1.09 and 1.11. The plan for approval of the ODSM and the approval of the implementing was verified.

Number: TCP-88-03
Name: Document Control (Operations)
Date: 1/25-29/88
Report Date: 2/12/88

Scope: A scheduled Audit, TUG-88-03 was conducted January 25-29, 1988 to assess the adequacy and implementation of the CPSES operations Document Control Program. The Document Control Program was evaluated for program compliance with the applicable elements of 10CFR10 Appendix B, Criteria I, II, III, V, VI, and XVII. The Audit also includes an evaluation of the CPSES organization units (Office Service and Operations Document Control) for compliance to the Station Administration Procedures (STA's) relative to their respective document control activities. Audited elements of the document control program include but were not limited to the control and issuance of station manuals, Technical Manuals, Drawings, Specification, Special Orders and forms.

Number: TCP-88-28
Name: Reportable Occurrences and Required Reports
Date: 12/14-17/87
Report Date: 12/23/87

Scope: TU Electric QA Audit, TUG-88-28, was performed on December 14-17, 1987 to evaluate the implementation of the program for reportable occurrences and required reports. This evaluation included procedural controls and specific training for personnel that would be required to submit the reports.

Number: TCP-88-29
Name: Operations QA Surveillance
Date: 12/28-31/87
Report Date: 1/15/88

Scope: TU Electric QA Audit, TUG-87-29, was performed on December 28-31, 1987, at Comanche Peak Steam Electric Station, to review and verify the implementation of the surveillance program for operations and startup activities. This review included the training and qualification programs for surveillance personnel.

Number: TUG-87-32
Name: Housekeeping
Date: 10/19-11/17/87
Report Date: 12/17/87

Scope: Verification of provisions for housekeeping and equipment protection during construction, startup and Operations phases was performed via audit TUG-87-32 at TU Electric Comanche Peak Steam Electric Station during October 19 to November 17, 1987.

Number: TCP-87-33
Name: Quality Assurance Trending
Date: 12/14-17/87
Report Date: 12/23/87

Scope: TU Electric QA Audit, TUG-87-33, was performed on December 14-17, 1987 to evaluate and verify implementation of the Quality Trending Program.

Number: TUG-87-34
Name: Licensed Operator Training
Date: 12/14/87-1/7/88
Report Date: 1/26/88

Scope: Evidence required to support implementation of Licensed Operator Training and Requalification Programs was reviewed at TU Electric Comanche Peak Steam Electric Station during 12-14-87 to 1/7/88. Records were reviewed to verify completion of on-the-job, procedure simulator and performance evaluation, education and experience, as well as implement.

MISCELLANEOUS

The following additional correspondence was issued by Applicants to the NRC during the time period of December 26, 1987 - February 25, 1988:

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
6/12/87	YXX-6492	Interim Fuel Storage Plan

This letter transmitted a response to NRC Comments on Revision 6 of the Interim Fuel Storage Plan.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
10/26/87	TXX-6602	Generic Letter 83-28

This letter provided additional information concerning Generic Letter 83-28, Section 2.2.1.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
10/26/87	TXX-6628	Design Adequacy of Component Parts

This letter transmitted a response to changes in yield strengths applicable in Code Case N-71-9.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
12/15/87	TXX-7068	Deviation from Codes, Standard and Guides

This letter transmits a response to NRC Staff concerns regarding the development and application of certain design and acceptance criteria for cable tray hangers and their compliance with applicable codes and regulatory standards.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
12/23/87	TXX-6999	FSAR Amendment 66

This letter transmitted advanced draft copies of FSAR Amendment 66 changes and other potential FSAR changes.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
12/29/87	TXX-7130	CPSES Project Procedures

This letter transmitted current revisions of the Comanche Peak Project Procedures and associated Project Memorandum.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/8/88	TXX-88006	Procedures Manual Update

This letter transmitted updated material to be included in the Project Procedures Manual.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/11/88	TXX-88029	NRC Bulletin 87-02

This letter provides a response to NRC Compliance Bulletin 87-02.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/15/88	TXX-88041	FSAR Amendment 66

This letter transmitted a description of FSAR Amendment 66.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/15/88	TXX-88041	FSAR Amendment

This letter transmitted copies of Amendment 66 of the Final Safety Analysis Report.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/18/88	TXX-88077	Jet Impingement Information

This letter provided a response to an NRC staff request for additional information concerning the effects of jet impingement due to a break in the superpipe region of the main steam and feedwater piping.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/19/88	TXX-88094	Revised Emergency Dose Assessment Model

This letter transmitted revisions to the previously submitted Emergency Dose Assessment Model.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/22/88	TXX-88096	Response to NUREG-0737

This letter transmitted a revised response to NUREG-0737, Item II.F.2.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/25/88	TXX-88139	Nuclear Material License

This letter transmits information regarding fuel shipment pursuant to Special Nuclear Material License No. SNM-1912.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/29/88	TXX-88089	Special Nuclear Material License

This letter transmitted an application for a Special Nuclear Material License.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/29/88	TXX-881500	Enforcement Action 86-09

This letter transmits a revised response date for Enforcement Action 86-09.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
1/29/88	TXX-88161	Nuclear Liability Insurance

This letter transmitted copies of Nuclear Liability Insurance ANI Policy.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
2/5/88	TXX-88148	FSAR Amendment 67

This letter transmitted a description of FSAR Amendment 67.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
2/5/88	TXX-88089	Special Nuclear Material License

This letter transmitted clarifying information requested by the NRC Staff concerning non-confirming conditions delineated in NCR No. M-2690.

<u>Date</u>	<u>Letter</u>	<u>Subject</u>
2/16/88	TXX-88151	Response Clarification to AMSAC SER Evaluation Report

This letter transmits additional information requested by the NRC Staff regarding the AMSAC safety evaluation report.

OTHER

On behalf of TU Electric, R. A. Wooldridge has submitted various documents to the ASLB for their information. These documents include the following for the time period of December 26, 1987 - February 25, 1988:

1/8/88	Transmittal of copies of the Project Status Report for "Equipment Qualification," Revision 0.
1/14/88	Transmittal of the Texas Utilities Electric Company's Form 8-K, Current Reports, dated November 18, 1987 and December 14, 1987, respectively, filed with the Securities and Exchange Commission.
1/15/88	Transmittal of copies of the Project Status Report for "Electrical," Revision 0.
1/18/88	Transmittal of Approved Results Reports for ISAP I.d.1, QC Inspector Qualifications and ISAP VII.b.3, Pipe Supports Inspections.
1/25/88	Transmittal of copies of the Project Status Reports for "Mechanical, Revision 0 and its supplements "Mechanical Supplemental A - Systems Interaction," Revision 0 and "Mechanical Supplement B - Fire Protection," Revision 0.
2/1/88	Transmittal of copies of the Project Status Report "Instrumentation and Controls," Revision 0.
2/5/88	Transmittal of a notice of a meeting between CASE and TU Electric.
2/5/88	Transmittal of a notice of a meeting between CASE and TU Electric.
2/8/88	Transmittal of copies of the Project Status Report for "Civil/Structural," Revision 0.
2/18/88	Transmittal of copies of the Project Status Report for "Heating, Ventilation and Air Conditioning (HVAC)," Revision 0.
2/19/88	Transmittal of the Texas Utilities Electric Company's Form 8-K, Current Report dated February 12, 1988, filed with the Securities and Exchange Commission.

The following listing represents the consultants' reports received by CPSES Engineering during the time period of December 26, 1987 - February 25, 1988:

- * Qualification of Piping and Pipe Supports attached to Secondary Walls, SWEC to TUE
- * Transmittal of Documentation for HVAC Design Verification Program Volume 1 - Book 17 - Rev. 0
- * Corrosion Evaluation Station Services Water System, CPSES Unit 1 (Final Report)
- * Measurement of Tube Vibrations in the Component Cooling Water Heat Exchangers CPSES - Unit 1.
- * Project Status Report - Electrical CPSES - Unit 1 and Common
- * Specific Technical Issue Report for Reinspection of Coated Welds CPSES - Units 1 and 2 (Final Report)
- * Project Status Report References
- * Non-Contact Cap Splice Test Program CPSES - Units 1 and 2 (Final Report)
- * Project Status Report - I&C CPSES - Unit 1 and Common
- * Project Status Report References - Mechanical CPSES - Unit 1
- * Project Status Report - Mechanical CPSES - Unit 1 and Common (transmittal)
- * Project Status Report - Mechanical CPSES - Unit 1 and Common
- * Project Status Report Reference - Train C Conduit Program
- * Design Verification of Floor Response Spectra
- * Project Status Report - Equipment Qualification - Unit 1 and Common
- * Project Status Report - Fire Protection - Unit 1 and Common
- * Project Status Report - Conduit Supports Train C 2-inch Diameter and less - Unit 1 and Common
- * Project Status Report - Cable Tray and Cable Tray Hangers - Unit 1 and Common

- * CPSES - Unit 1 - Flexible Conduit Slack Final Project Report
- * Pipe Stress and Support Requalification Reference Documents for Large and Small Bore Pipe Support Project Status Report
- * Train C Conduit Program - Transmittal of Impel Report No. 01-0210-1671, Rev. 0.
- * TU Electric Design Basis Consolidation Program Plan
- * Project Status Report Cable Tray Hangers CPSES - Unit 1
- * Oversize Bolt Holes CPSES
- * Reference Document Index Cable Tray and Cable Tray Hangers
- * Project Status Report Systems Interaction Program - Subappendix A Mechanical
- * Fire Protection Technical Position Papers for the NRC Fire Protection Audit
- * Project Status Report Civil/Structural

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

DOCKETED
USNRC

'88 MAR -4 P12:37

before the

ATOMIC SAFETY AND LICENSING BOARD

OFFICE OF SECRETARY
DOCKETING & SERVICE
BRANCH

In the Matter of

TEXAS UTILITIES GENERATING
COMPANY et al.

(Comanche Peak Steam Electric
Station, Units 1 and 2)

)
) Docket Nos. 50-445-OL
) 50-446-OL
)

(Application for an
Operating License)

CERTIFICATE OF SERVICE

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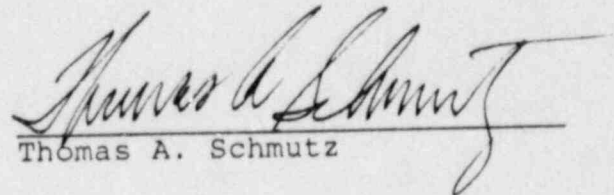
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