

Log # TXX-95273 File # 10200 Ref. # 10CFR50.73(a)(2)(i)

C. Lance Terry Group Vice President, Nuclear November 1, 1995

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

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES) - UNIT 1 DOCKET NO. 50-445 CONDITION PROHIBITED BY CPSES TECHNICAL SPECIFICATION LICENSEE EVENT REPORT 445/95-006-00

Gentlemen:

Enclosed is Licensee Event Report 95-006-00 for Comanche Peak Steam Electric Station Unit 1. "Failure to Follow Operating Procedures Resulting in an Operating Condition Outside Technical Specification Requirements".

Sincerely,

C. L. Terry By:

D. R. Woodlan Docket Licensing Manager

NSH:cc Enclosure

cc: Mr. L. J. Callan, Region IV Mr. W. D. Johnson, Region IV Resident Inspectors, CPSES

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PDR

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1601 Bryan Street Dallas, Texas 75201-3411

| NRC FORM 366 (4-95) LICENSEE EVENT REPORT (LER) (See reverse for required number of digits/characters for each block) | | | | | | | | APPROVED BY OMB NO. 3150-0104 EXPIRES 04/30/98 ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS MANDATORY INFORMATII COLLECTION REGUEST: 50.0 HRS. REPORTED LESSONS LEARNED ARE INCORPORATED IN THE LICENSING PROCESS AND FED BACK TO INDUSTRY. FORWARD COMMENTS REGARDI BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (T-6 F3 U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO T PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGE WASHINGTON, DC 20503. | | | | | | | | |
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| FACILITY NAME (1) COMANCHE PEAK STEAM ELECTRIC STATION 1 | | | | | | | | | | DOCKET NUMBER (2) | | | | PAGE (3) | | |
| TITLE (4) | | | | - | | | | | | | | 000445 | | | OF 5 | |
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| EVENT | DATE | (5) | | | NUMBER (6) | Lanungan | REPO | RT DATE | (7) | FACILIT | | OTHER FACILIT | | D (8) | IMBER | |
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| U.S. NUCLEAR REGULATORY COMMISSI (4.95) LICENSEE EVENT REPORT (LER) TEXT CONTINUATION | | | | | | | | | | | |
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| FACILITY NAME (1) | DOCKET | 1 | LER NUMBER | (6) | | PAGE (| 3) | | | | |
| COMANCHE PEAK STEAM ELECTRIC STATION 1 | 05000445 | YEAR | SEQUENTIAL | - 00 | 2 | OF | 5 | | | | |
| TEXT (If more space is required, use additional copies of NRC F | orm 366A (17) | 1.35 | 000 | - 00 | L | | | | | | |
| I. DESCRIPTION OF THE REPORTABLE EVENT | | | | | | | | | | | |
| A. REPORTABLE EVENT CLASSIFICATION | | | | | | | | | | | |
| Any operation prohibited by the Technical Sp | ecifications (TS) | | | | | | | | | | |
| B. PLANT OPERATING CONDITIONS PRIOR TO THE | EVENT | | | | | | | | | | |
| At the time of discovery, on September 27, 1 Electric Station (CPSES) were in Mode 1, Pow | | t Coma | nche Peak | Steam | | | | | | | |
| C. STATUS OF STRUCTURES, SYSTEMS, OR COMPO AT THE START OF THE EVENT AND THAT CONT | | | BLE | | | | | | | | |
| There were no inoperable structures, systems | or components th | at con | tributed t | the ev | vent. | | | | | | |
| D. NARRATIVE SUMMARY OF THE EVENT, INCLUDI | NG DATES AND APPR | OXIMAT | E TIMES | | | | | | | | |
| In July 1991, Radiation Protection (RP) (uti self-comtained temporary laundry system (EII) Incorporated (ETI) (vendor, non-licensed) loo (RCA) adjacent to the Fuel Building for launu undocumented assessments of the applicability (limiting the curie content in unprotected of that the TS was not applicable to the system | S:(TK)) owned and cated inside the dering protective y of Technical Sp utdoor tanks) occ | operat fenced cloth ecifica | ted by Eas Radiologi ing at CPS ation (TS) | tern Tec cal Cont ES. Ini 3/4.11. | hnol roll tial 1 | ogies ed Ar | s nea | | | | |
| In January 1995, additional discussions occu subject to TS 3/4.11.1. On January 19, 1995 stating that the volume and radioactive conce CPSES Safety Evaluation (SE) 91-62, Revision | , RP issued a me entrations of the | morandı laundı | um to faci ry system | lity mar were bou | agem Inded | ent by | es | | | | |

CPSES Safety Evaluation (SE) 91-62, Revision 7. The SE addressed the radiological consequences of an unimpeded leakage of 24,000 gallons of primary coolant, and stated that the consequences of any laundry facility mishap was bounded by the SE. The applicability of TS 3/4.11.1 to the laundry system at CPSES was again believed to be not applicable and therefore no surveillances were needed.

TU Electric Regulatory Affairs (utility staff, non-licensed) agreed that the memorandum (and its basis) identified no safety consequences with any credible mishap involving the

TXX-95273

NRC FORM 366A

U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT (LER)

| FACILITY NAME (1) | DOCKET | | LER NUMBER (| PAGE (3) | | |
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| COMANCHE PEAK STEAM ELECTRIC STATION 1 | 05000445 | 95 | 006 | 00 | 13 OF 5 | |

TEXT (If more space is required, use additional copies of NRC Form 366A) (17)

ETI laundry system, but contained insufficient justification for not applying the sampling criteria of TS 4.11.1. Following further discussions, on March 29, 1995, sampling of the laundry system holding tank(s) began as a conservative approach to meet the TS surveillance pending further evaluation. No further evaluations took place until September 6, 1995, when Regulatory Affairs, RP and Nuclear Overview (utility staff, non-licensed) began discussions due to questions arising during an annual TS audit.

E. THE METHOD OF DISCOVERY OF EACH COMPONENT OR SYSTEM FAILURE, OR PROCEDURAL OR PERSONNEL ERROR

During the CPSES annual Technical Specification audit, a deficiency document was issued on September 18, 1995 to document the applicability of TS 3/4.11.1 and determine any reportablility requirements. An independent review associated with the deficiency document conservatively concluded the laundry system was within the TS 3/4.11.1 requirements and nonperformance of the sampling prior to March 29.1995 was considered reportable per 10CFR73(a)(2)(I) criteria.

II. COMPONENT OR SYSTEM FAILURES

A. FAILURE MODE, MECHANISM, AND EFFECTS OF EACH FAILED COMPONENT

Not applicable - there were no component failures associated with this event.

B. DURATION OF SAFETY SYSTEM TRAIN INOPERABILITY

Not applicable - there were no safety system train components inoperable during the July 1991 - March 29, 1995 time frame which could have affected this event. However, compliance with TS 4.11.1 weekly sampling criteria was not in effect prior to March 29,1995 for the ETI temporary laundry system.

C. SAFETY CONSEQUENCES AND IMPLICATIONS

Based on the rationale provided below, no safety significance or impact on the health and safety of the public is associated with the previous TS surveillance noncompliance of the ETI temporary laundry system (prior to March 29, 1995). The rational is based on the following:

a. TU Electric Engineering calculation 16435/6-NU(B)-31 addressed the radiological consequences of an unimpeded leakage of 24,000 gallons of primary coolant with a total curie content released that is orders-of-magnitude more severe than the total loss of the ETI temporary laundry system volume and curie content at any given time. Note: This was an original design basis calculation for CPSES.

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| COMANCHE PEAK STEAM ELECTRIC STATION 1 | | 05000445 | | 006 - | - 00 | 4 OF 5 | | | | | |
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| power block would not cau credible mishap(s) associ- noted RCA, are builded by c. the fluid volume from the transfer from the interna | iated with liquid rac y existing analysis. e ETI temporary launc | ioactive and with ry syste | e mate hin 10 em is | rial store CFR100 and sampled pr | d/in-use 1 10CFR20 | e within the) criteria, periodic | | | | | |
| Radwaste Treatment System d. local radiation detection temporary laundry system curie content). | n (LRTS) for treatmer n equipment is employ | t prior ed as w | to no ell as | rmal disch surveys t | arge via o monito | a the LRTS. or the ETI | | | | | |
| e. memorandum CPSES-9500965 temporary laundry system v assumptions and results of | volume with an elevat | ed curi | e conti | ent and va | lidated | | | | | | |
| f. there have been no dischar environment without treatm limits, nor discharges in | ment or in excess of | Offsit | te Dos | e Calculat | ion Manu | | | | | | |
| III. CAUSE OF THE EVENT | | | | | | | | | | | |
| The cause of the event was the fat for the operation of the ETI tempo procedure requirements upon recogn to extending the time between info | orary laundry system. hition of potential r | Failu oncompl | re to iance | implement in January | correct 1995, c | ive action contributed | | | | | |

Technical Specification (TS) 3/4.11.1; Liquid Effluents (Liquid Holdup Tanks) states that the quantity of radioactive material contained in each unprotected outdoor tank shall be limited to less than or equal to 10 Curies, excluding tritium and dissolved or entrained Noble gases [this criteria is applicable at all times]. The BASES for this criteria is that, "restricting the quantity of radioactive material contained in the specified tanks, provides assurance that in the event of an uncontrolled release of the tank's contents, the resulting concentrations would be less than the limits of 10CFR20, Appendix B, at the nearest potable water supply and the nearest surface water supply in an UNRESTRICTED AREA".

corrective actions being identified and implemented.

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U.S. NUCLEAR REGULATORY COMMISSION

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Surveillance requirements stated in TS 4.11.1, require that the quantity of radioactive material contained in each of the unprotected outdoor tanks shall be determined to be within the above limit by analyzing a representative sample of the tank's contents at least once per 7 days when radioactive materials are being added to the tank. An unprotected tank(s) is defined (per TS) as "those ... tanks that are not surrounded by liners, dikes, or walls capable of holding the tank contents and that do not have tank overflows and surrounding area drains connected to the Liquid Radwaste Treatment System".

IV. CORRECTIVE ACTIONS

A. IMMEDIATE ACTIONS

Procedure CHM-517. "Chemistry Control of Liquid Waste Systems", was revised to assure TS 4.11.1 surveillance requirements are applied to the ETI temporary laundry system and/or other identified unprotected tanks.

B. ACTIONS TO PREVENT RECURRENCE

(1) Procedure STA-739, "Technical Specification Interpretations" will be reviewed to evaluate the protocol of oral requests for questions relating to the Technical Specifications, Technical Requirements Manual, and Technical Specifications Interpretations Manual. The documentation processes of questions/inquiries associated with Technical Specifications, Technical Requirements Manual or the Technical Specifications Interpretations Manual will be reviewed for potential improvements.

(2) An evaluation will be performed during the CPSES Technical Specification Conversion Project to assess the continued application of TS 3/4.11.1 to the ETI laundry system .

(3) Procedures STA-152. "Request for Procurement of Services" and STA-153. "Management of Contracts" will be revised to assure documentation of review of Technical Specifications (and associated documents) during development of Scope-of-Work and prompting the contract coordinator during verification of vendor supplied equipment/services for TS consideration.

V. PREVIOUS SIMILAR EVENTS

There are other CPSES Licensee Event Reports (LERs) which involve incomplete/missed surveillance requirements involving procedure deficiencies, personnel errors, or other causes however, none of the corrective actions noted in the previous LERs would have precluded this event.