



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION IV

611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TEXAS 76011-8064

FEB - 6 1996

TU Electric  
ATTN: C. L. Terry, Group Vice President  
Nuclear Production  
Energy Plaza  
1601 Bryan Street, 12th Floor  
Dallas, Texas 75201-3411

SUBJECT: NRC INSPECTION REPORT 50-445/95-25; 50-446/95-25, NOTICE OF  
VIOLATION AND MANAGEMENT MEETING

This refers to the inspection conducted by Ms. Linda Joy Smith of this office on September 15, 1995, through January 23, 1996, at the Comanche Peak Steam Electric Station, Units 1 and 2, facility. The purpose of the inspection was to determine whether activities authorized by the license were conducted safely and in accordance with NRC requirements. This inspection was conducted to evaluate the results of your root-cause evaluations for the June 11 and 21, 1995, turbine-driven auxiliary feedwater pump trips and to resolve concerns related to the control of condensate accumulation in your auxiliary feedwater pump turbine steamlines. At the conclusion of the inspection, the findings were discussed with you and those members of your staff identified in the enclosed report.

In addition, this inspection report documents a management meeting held at the Region IV office on September 15, 1995, to discuss the following issues: the basis for your determination that the Unit 1 auxiliary feedwater pump trip was caused by governor valve stem corrosion; your evaluation of the design for the control of condensate in the turbine steam supply and exhaust lines; your past operability determination for the Unit 2 turbine; and the corrective actions taken and planned by your staff to preclude the recurrence of the turbine-driven auxiliary feedwater pump trips from either cause. Attachments 2 and 3 to the enclosed inspection report contain a list of attendees and the handout for the meeting. The NRC staff found the meeting to be a beneficial exchange of information.

The inspection consisted of selective examinations of procedures and representative records and interviews with personnel. At your request, this inspection was extended in order to allow NRC review and evaluation of actions being taken to control condensate in the auxiliary feedwater pump turbine steam supply. Those actions were different from the actions discussed in the September 15, 1995, management meeting. Your staff provided additional information to the inspector at your facility on November 22, 1995. Attachment 4, an updated diagram of your planned condensate control modifications, was provided to the inspector at that meeting. Areas examined during the inspection are identified in the report.

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We have determined that your staff aggressively developed and implemented corrective actions to preclude the recurrence of future turbine-driven auxiliary feedwater pump trips. Your staff had plans to fully address the control of condensate accumulation in the auxiliary feedwater pump turbine steamlines and to prevent future turbine governor valve stem corrosion. Your staff also comprehensively reviewed related industry experience information to identify other measures which would improve turbine reliability.

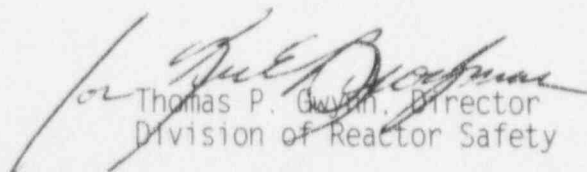
Based on the results of this inspection, the NRC has determined that one violation of NRC requirements occurred. The violation is cited in the enclosed Notice of Violation (Notice) and the circumstances surrounding it are described in detail in the subject inspection report. The violation is of concern because, prior to the June 25, 1995, Unit 2 mechanical overspeed trip, your staff did not recognize that the steam trap drain function was important to safety. As a result the condensate level alarm instrumentation, which provided valuable operating status information for the turbine-driven auxiliary feedwater pumps, was deleted from the system.

The NRC has concluded that information regarding the reason for the violation, the corrective actions taken and planned to correct the violation and prevent recurrence is already adequately addressed on the docket in this NRC inspection report. Therefore, you are not required to respond to this letter unless the description therein does not accurately reflect your corrective actions or your position. In that case, or if you choose to provide additional information, you should follow the instructions specified in the enclosed Notice.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter, its enclosure(s), and your response will be placed in the NRC Public Document Room (PDR). To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be placed in the PDR without redaction.

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

  
Thomas P. Guynn, Director  
Division of Reactor Safety

Dockets: 50-445  
          50-446  
Licenses: NPF-87  
          NPF-89

Enclosures:

1. Notice of Violation
2. NRC Inspection Report  
50-445/95-25; 50-446/95-25  
w/attachments

cc w/enclosures:

TU Electric

ATTN: Roger D. Walker, Manager of  
Regulatory Affairs for Nuclear  
Engineering Organization

Energy Plaza  
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Dallas, Texas 75201-3411

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1426 South Polk Street  
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Bethesda, Maryland 20814

Morgan, Lewis & Bockius  
ATTN: George L. Edgar, Esq.  
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Texas Department of Licensing & Regulation  
ATTN: G. R. Bynog, Program Manager/  
Chief Inspector

Boiler Division  
P.O. Box 12157, Capitol Station  
Austin, Texas 78711

Honorable Dale McPherson  
County Judge  
P.O. Box 851  
Glen Rose, Texas 76043

Texas Radiation Control Program Director  
1100 West 49th Street  
Austin, Texas 78756

TU Electric

-5-

E-Mail report to D. Nelson (DJN)  
E-Mail report to NRR Event Tracking System (IPAS)

bcc to DMB (IE01)

bcc distrib. by RIV:

L. J. Callan  
Branch Chief (DRP/B)  
MIS System  
RIV File  
Branch Chief (DRP/TSS)

Resident Inspector (2)  
Leah Tremper (OC/LFDCB, MS: TWFN 9E10)  
DRS-PSB  
Project Engineer (DRP/B)

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LJSmith	<input checked="" type="checkbox"/>	CAVanDenburgh	<input checked="" type="checkbox"/>	TPGwynn	<input checked="" type="checkbox"/>	JEDye	<input checked="" type="checkbox"/>	TPGwynn	<input checked="" type="checkbox"/>
01/25/96		01/26/96		01/26/96		01/26/96		02/6/96	

OFFICIAL RECORD COPY

E-Mail report to D. Nelson (DJN)  
E-Mail report to NRR Event Tracking System (IPAS)

bcc to DMB (IE01)

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LJSmith	<input checked="" type="checkbox"/>	CAVanDunburgh	<input checked="" type="checkbox"/>	TPGwynn	<input checked="" type="checkbox"/>	JEDye	<input checked="" type="checkbox"/>	TPGwynn	<input checked="" type="checkbox"/>
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