

August 20, 1992

Docket No. 50-445

Mr. William J. Cahill, Jr.  
Group Vice President, Nuclear  
TU Electric  
400 North Olive Street, L.B. 81  
Dallas, Texas 75201

Dear Mr. Cahill:

SUBJECT: ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT  
COMANCHE PEAK STEAM ELECTRIC STATION, UNIT NO. 1 (TAC NO.  
M83829)

Enclosed is a copy of an "Environmental Assessment and Finding of No Significant Impact" for your information. This assessment relates to the application from TU Electric dated June 1, 1992, requesting a schedular exemption from the requirements of Appendix E, Section VI(4)(d) of 10 CFR 50.

This assessment has been forwarded to the Office of the Federal Register for publication.

Sincerely,

Original Signed By

Thomas A. Bergman, Project Manager  
Project Directorate IV-2  
Division of Reactor Projects III/IV/V  
Office of Nuclear Reactor Regulation

Enclosure:  
Environmental Assessment

cc w/enclosure:  
See next page

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Mr. William J. Cahill, Jr.

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August 20, 1992

cc w/enclosure:

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

UNITED STATES NUCLEAR REGULATORY COMMISSIONTU ELECTRIC UTILITIES COMPANYDOCKET NO. 50-445COMANCHE PEAK STEAM ELECTRIC STATION, UNIT NO. 1ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an exemption from the schedular requirements of Appendix E, Section VI(4)(d) of 10 CFR 50 to TU Electric (the licensee), for operation of the Comanche Peak Steam Electric Station (CPSES), Unit 1, located in Somervell County, Texas.

ENVIRONMENTAL ASSESSMENTIdentification of Proposed Action

The proposed action would grant an exemption from the requirement of Appendix E, Section VI(4)(d) of 10 CFR 50 to complete installation of the Emergency Response Data System (ERDS) by February 13, 1993. By letter dated June 1, 1992, the licensee requested an exemption from Appendix E, Section VI(4)(d) of 10 CFR 50 that would defer the installation of the ERDS because of a planned replacement of CPSES Unit 1 computer system. The computer replacement will be completed during the third refueling outage currently scheduled during the fourth quarter of 1993.

The Need for the Proposed Action

Section VI(4)(d) of Appendix E, 10 CFR 50, requires the licensee to complete implementation of the ERDS by February 13, 1993, or before initial escalation to full power, whichever comes later. The proposed exemption is required in order to allow the licensee to complete a change-out of the

computer system which drives the ERDS. The change-out is to be completed during the third refueling outage scheduled for the fourth quarter of 1993.

#### Environmental Impacts of the Proposed Action

The proposed exemption affects only the licensee's required date for implementing its ERDS. Thus, post-accident radiological releases will not differ from those determined previously, and the proposed exemption does not otherwise affect facility radiological effluents, or any significant occupational exposures. With regard to potential non-radiological impacts, the proposed exemption does not affect plant non-radiological effluents and has no other environmental impact. Therefore, the Commission concludes that there are no measurable radiological or non-radiological environmental impacts associated with the proposed exemption.

#### Alternative to the Proposed Action

Since the Commission has concluded that there is no measurable environmental impact associated with the proposed exemption, any alternatives either will have no environmental impact or will have a greater environmental impact. The principal alternative to the exemption would be to require an earlier date for the implementation of the ERDS. Such an action would not enhance the protection of the environment. The exemption will allow for the licensee to complete a change-out of the computer system which drives the ERDS. The change-out is to be completed during the third refueling outage scheduled for the fourth quarter of 1993.

#### Alternate Use of Resources

This action does not involve the use of any resources not previously considered in the Final Environmental Statement for the Comanche Peak Steam

Electric Station, Unit No. 1, dated September 1981 and Supplement dated October 1989.

Agencies and Persons Consulted

The NRC staff reviewed the licensee's request and did not consult other agencies or persons.

FINDING OF NO SIGNIFICANT IMPACT

The Commission has determined not to prepare an environmental impact statement for the proposed exemption. Based upon the environmental assessment, the NRC staff concludes that the proposed action will not have a significant effect on the quality of the human environment.

For further details with respect to this action, see the licensee's letter dated June 1, 1992. The letter is available for public inspection at the Commission's Public Document Room, the Gelman Building, 2120 L Street, N.W., Washington, D.C. 20555 and at the University of Texas at Arlington Library, Government Publications/Maps, 701 South Cooper, P.O. Box 19497, Arlington, Texas 76019.

Dated at Rockville, Maryland, this 20th day of August 1992.

FOR THE NUCLEAR REGULATORY COMMISSION



Suzanne C. Black, Director  
Project Directorate IV-2  
Division of Reactor Projects III/IV/V  
Office of Nuclear Reactor Regulation