

UNITED STATES NUCLEAR REGULATORY COMMISSION
TEXAS UTILITIES ELECTRIC COMPANY
DOCKET NOS. 50-445 AND 50-446
COMANCHE PEAK STEAM ELECTRIC STATION, UNITS 1 AND 2
NOTICE OF ISSUANCE OF ENVIRONMENTAL ASSESSMENT AND
FINDING OF NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an exemption from certain requirements of its regulations for Facility Operating License Nos. NPF-87 and NPF-89, issued to Texas Utilities Electric Company (TU Electric, the licensee), for the Comanche Peak Steam Electric Station (CPSES), Units 1 and 2, located in Somervell County, Texas.

Identification of the Proposed Amendment:

The current licensing basis for CPSES allows up to 1116 fuel assemblies in two storage pools. The currently authorized as-installed configuration has 20 low density racks installed in Spent Fuel Pool No. 1 (SFP1) (556 fuel assembly locations). The proposed action would authorize the use of high density spent fuel storage racks in Spent Fuel Pool No. 2 (SFP2) with a capacity for storing 735 fuel assemblies, for a total of 1291 fuel assemblies.

The proposed action is in accordance with the licensee's application for license amendment dated December 30, 1994, as supplemented by letters dated July 28, September 14, and November 29, 1995, and January 2, 1996.

The Need for the Proposed Action:

The "Final Generic Environmental Impact Statement (FGEIS) on Handling and Storage of Spent Light Water Power Reactor Fuel," NUREG-0575, Volumes 1-3, concluded that the environmental impact of interim storage of spent fuel was negligible and the cost of various alternatives reflects the advantage of

continued generation of nuclear power with the accompanying spent fuel storage. Because the differences in design, the FGEIS recommended evaluating spent fuel pool expansion on a case-by-case basis.

For CPSES, the expansion of the storage capacity of SFP2 will not create any significant additional radiological effects or nonradiological environmental impacts.

The additional whole body dose that might be received by an individual at the site boundary and the estimated dose to the population within an 80 kilometer radius is believed to be too small to have any significance when compared to the fluctuations in the annual dose this population receives from exposure to background radiation. The occupational radiation dose for the proposed operation of the expanded spent fuel pool is estimated to be less than one percent of the total annual occupational radiation exposure for this facility.

The only nonradiological impact affected by the expansion of SFP2 is the waste heat rejected. The total increase in heat load rejected to the environment will be small in comparison to the amount of total heat currently being released. There is no significant environmental impact attributed to the waste heat from the plant due to this very small increase.

FINDING OF NO SIGNIFICANT IMPACT

The staff has reviewed the proposed spent fuel pool expansion to the facility relative to the requirements set forth in 10 CFR Part 51. Based on this assessment, the staff concludes that there is no significant radiological or nonradiological impacts associated with the proposed action and that the issuance of the proposed amendment to the license will have no significant

impact on the quality of the human environment. Therefore, pursuant to 10 CFR 51.31, no environmental impact statement needs to be prepared for this action.

For further details with respect to this action, see (1) the application for amendment to the TSs dated December 30, 1994, as supplemented July 28, September 14, and November 29, 1995, and January 2, 1996, (2) the FGEIS on Handling and Storage of Spent Light Water Power Reactor Fuel (NUREG-0575), (3) the Final Environmental Statement for the CPSES, Units 1 and 2, dated October 1989, and (4) the Environmental Assessment dated February 5, 1996.

These documents are available for public inspection at the Commission's Public Document Room, The Gelman Building, 2120 L Street, NW., Washington, DC, and at the local public document room located at the University of Texas at Arlington Library, Government Publications/Maps, 702 College, P. O. Box 19497, Arlington, Texas 76019.

Dated at Rockville, Maryland, this 5th day of February 1996.

FOR THE NUCLEAR REGULATORY COMMISSION



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