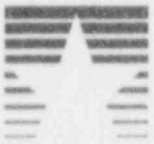

TU ELECTRIC

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January 19, 1988

William G. Counsil
Executive Vice President

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)
DOCKET NOS. 50-445 AND 50-446
REVISED EMERGENCY DOSE ASSESSMENT MODEL

Gentlemen:

On March 29, 1985, Emergency Dose Assessment Model (EDAM) documentation, Revision 0, was submitted for docketing with the NRC. Since then the EDAM software has been revised and a new EDAM Program Document (Revision 1) has been issued. This document is available at the CPSES site.

Major changes to the program and program documentation include:

1) Addition of a "SURVEY DATA" option which allows the operator to back calculate noble gas and iodine release rates using dose rates and iodine concentration measurements in the field. This option estimates the whole body and child thyroid dose rates from these release rates.

2) An EDAM Benchmark section has been added to the documentation.

3) The program now incorporates child thyroid dose calculation parameters such as child breathing rate and child iodine dose factors instead of infant thyroid dose parameters.

Set up and use of the EDAM system is described in EPP-303, "Micro-Computer Based Emergency Dose Assessment." EDAM is backed up by a manual dose assessment method which is described in procedure EPP-300, "Manual Calculation of Offsite Dose Rates." The most recent revisions of these procedures have been transmitted to the NRC and are maintained in the CPSES Emergency Planning Procedure Manual.

Very truly yours,

W. G. Counsil

W. G. Counsil

By: D. R. Woodlan

D. R. Woodlan
Supervisor,
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GLB/grr

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