

TEXAS UTILITIES GENERATING COMPANY
SKYWAY TOWER * 400 NORTH OLIVE STREET, L.B. 81 * DALLAS, TEXAS 75201

Log # TXX-4348

File # 916

October 31, 1984

Mr. B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION
DOCKET NOS. 50-445 AND 50-446
OFFSITE DOSE CALCULATION MANUAL

Dear Mr. Youngblood:

Enclosed is the latest draft of the Comanche Peak Offsite Dose Calculation Manual (ODCM). On October 28, 1982 the previous draft of this ODCM was submitted to the NRC along with the proposed Technical Specifications. This latest draft (dated October 1984) is being sent with an attached list of changes between the two drafts.

If you have any questions, please call Richard Werner at (214) 979-8227.

Sincerely,

J. W. Beck

John W. Beck
Manager, Licensing

RAW:tls
Enclosure

8411070081 841031
PDR ADOCK 05000445
A PDR

1009
1/1

ODCM CHANGES

1. Page vi Introduction changed to include reference to RM-21 Report Processor.
2. Page 1-2 Section 1.1.2 Changed maximum effluent flow rate to 100 gpm. Since XRE-5253 is an in-line process monitor, it only allows 46 gpm to flow past it. This gives a built-in safety factor of 2.2.
3. Page 1-3 Section 1.1.3 The Allocation Factor was deleted due to the implementation of the Waste Water Management System.
4. Page 1-4 Section 1.1.4 Changed f to 100 gpm and deleted AF.
5. Page 1-7 Section 1.2 Changed calculation to use actual effluent flow rate for dose calculations since it is available.
6. Page 1-11 Section 1.3 Added radiation monitor 1RE-4269 because it is also a service water effluent monitor.
7. Page 1-12 Section 1.4 Changed method of calculating setpoint for Turbine Building Sump effluent radiation monitor because of the implementation of the Waste Water Management System.
8. Page 1-13 Figure 1.1 Changed figure to incorporate the implementation of the Waste Water Management System.
9. Page 2-2 Section 2.1.1a Moved "Dose Rates due to NobleGases" section in front of setpoint calculation for noble gas monitors.
10. Page 2-3 Section 2.1.1b Added radiation monitors XRE-5567A/B since they are also plant vent stack noble gas monitors.
11. Page 2-5 Section 2.1.1c Added setpoint calculation for auxiliary building ventilation exhaust monitor XRE-5701.
12. Page 2-6 Section 2.1.1d Added setpoint calculation for containment atmosphere gaseous monitor 1RE-5503.
13. Page 2-11 Section 2.2.1 Changed calculation to use the actual X/Q valve if available for dose calculations.
14. Page 2-30 Table 2.7 Changed values to reflect changes in Table 2.8.
15. Page 2-31 Table 2.8 Changed controlling receptor locations, pathways and age groups to reflect latest land use census.
16. Page 3-1 Section 3.2 Moved Interlaboratory Comparison Program to this section since it pertains to environmental monitoring.
17. Page 3-2 Table 3.1 Updated to reflect latest changes in the environmental sampling locations.
18. Page 3-6 Figure 3.1 Updated to reflect latest changes in the environmental sampling locations.