

PUBLIC SERVICE COMPANY OF OKLAHOMA

A CENTRAL AND SOUTH WEST COMPANY

P.O. BOX 201 / TULSA, OKLAHOMA 74102 / (918) 583-3611

6212DIN8-013-291



Public Service Company of Oklahoma
Black Fox Station Units 1 and 2
Ability of Ultimate Heat Sink to
Withstand Tornado Missiles
Docket STN 50-556 and STN 50-557

November 7, 1978
File 6212.125.0500.21 0

Office of Nuclear Reactor Regulation
Division of Project Management
Light Water Reactors Branch No. 4
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Steven A. Varga, Chief

Gentlemen:

In response to your letter of October 16, 1978 on the above subject Public Service Company of Oklahoma commits to modify the design of the UHS cooling towers to provide tornado missile protection to the fans and discharge nozzles. The missile spectrum to which the towers will be designed is covered in PSAR Section 3.5.3.1.

This design modification requires a change in PSAR Sections 1.9 and 9.2. In the next PSAR amendment Section 1.9, Page 1.9-22 stating the position on Regulatory Guide 1.117 will be changed to read as follows:

1.117 Tornado Design Classification (Rev. 0, 6/76)

All systems, structures, and components required by this guide to be protected against the effects of tornados are protected by being housed in Category I structures. The exception to this protection is the off-gas system which is located in the Turbine Building. For this system, PSO has adopted the GE position that the release of radioactivity as a result of damage to the system by a tornado or tornado-generated missiles will not exceed 10CFR100 guidelines.

The above change to Section 1.9 and appropriate changes to Section 9.2 will be submitted in Amendment 13 to the BFS PSAR before issuance of the BFS Construction Permits.

Very truly yours,

T. N. Ewing
T. N. Ewing, Manager
Black Fox Station Nuclear Project

7811160081

TNE:BWR:fd
cc: Attached Service List

Boo!
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1/0

CENTRAL AND SOUTH WEST SYSTEM

Central Power and Light
Corpus Christi, Texas

Public Service Company of Oklahoma
Tulsa, Oklahoma

Southwestern Electric Power
Shreveport, Louisiana

West Texas Utilities
Ablene, Texas

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