



Omaha Public Power District

1623 HARNEY ■ OMAHA, NEBRASKA 68102 ■ TELEPHONE 536-4000 AREA CODE 402

June 14, 1982

LIC-82-205

Mr. W. C. Seidle, Chief
Reactor Project Branch 2
U. S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76011



Reference: Docket No. 50-285
IE Inspection Report 80-16

Dear Mr. Seidle:

Beta Dosimetry Program at
the Fort Calhoun Station

The Omaha Public Power District responded to Significant Appraisal Finding C of the subject Inspection Report by letter dated January 30, 1981. Specifically, the District stated that an extensive study of the Fort Calhoun Station beta dosimetry methods and beta radiation source spectrums would be completed by June 30, 1982. The purpose of this study is to identify and provide the necessary information to implement an improved beta dosimetry program at the Fort Calhoun Station and to specifically improve the capability to accurately monitor low beta radiation levels. The District hired a contractor in late 1981 to conduct this analysis and the contractor has since been evaluating the response characteristics of the TLD's utilized by the District by exposing them to various beta and gamma sources. However, to accomplish the task of identifying all beta source spectrums at the Fort Calhoun Station requires a refueling outage, since many of the plant's beta sources are located in inaccessible areas during normal operation. The District's next refueling outage is tentatively scheduled to commence in December 1982 or January 1983. Accounting for this refueling outage schedule and allowing several additional months for compilation and evaluation of the data collected the District now expects to complete the beta dosimetry study and implement the improved program by June 30, 1983. As further justification for this delay, it should be noted that present District practices require taking extra precautionary measures (e.g., wearing of face shields, full face masks and/or additional protective clothing) when working in areas where beta radiation is a suspected problem. These practices will be continued for the 1982/1983 outage.

Sincerely,

for W. C. Jones
W. C. Jones
Division Manager
Production Operations

IE 01

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PDR

cc: Office of Inspection & Enforcement (Washington)
LeBoeuf, Lamb, Leiby & MacRae