

OPPD

Omaha Public Power District
1623 Harney Omaha, Nebraska 68102
402/536-4000

January 31, 1985
LIC-85-024

Mr. Darrell G. Eisenhut, Director
Office of Nuclear Reactor Regulation
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Reference: (1) Docket No. 50-285
(2) Generic Letter 83-41, dated December 16, 1983
(3) Letter OPPD (W. C. Jones) to NRC (D. G. Eisenhut)
dated January 6, 1984 (LIC-84-002)
(4) Generic Letter 84-15, dated July 2, 1984
(5) Letter OPPD (R. L. Andrews) to NRC (D. G. Eisenhut)
dated December 28, 1984 (LIC-84-413)

Dear Mr. Eisenhut:

Fast Cold Starts of Diesel Generators
Generic Letter 83-41

Reference 2 contained a voluntary request for information concerning the fast cold starts of diesel generators (i.e., starts with rapid acceleration and loading without prelubrication and warmup). In Reference 3, the District provided a response to Reference 2 which stated that Fort Calhoun's emergency diesel generators are provided with prelubrication and warmup capabilities. The Fort Calhoun diesel generators are kept warm by a water jacket immersion heater and a lube oil pump which circulates oil when the generator is not operating. For these reasons, the District concluded that the concerns of NRC Generic Letter 83-41 were not applicable to Fort Calhoun Station.

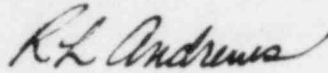
Subsequently, the Omaha Public Power District received Reference 4. This letter requested that certain information regarding diesel generator reliability be submitted. In order to respond to this request, considerable research was conducted and numerous conversations were held with the manufacturer of the Fort Calhoun diesel generators. Through these conversations it was ascertained that although the diesel generators are kept warm and are equipped with a lube oil heater, these items are not sufficient to eliminate the stresses associated with fast cold starts.

8502050070 850131
PDR ADDCK 05000285
P PDR

*A056
1/10*

As Reference (5) subsequently provided more detailed information on diesel generator reliability at the Fort Calhoun Station, no separate response to Reference (2) is now required.

Sincerely,



R. L. Andrews
Division Manager
Nuclear Production

RLA/DJM/dao

cc: LeBoeuf, Lamb, Leiby & MacRae
1333 New Hampshire Avenue, N.W.
Washington, DC 20036

Mr. E. G. Tourigny, NRC Project Manager
Mr. L. A. Yandell, NRC Senior Resident Inspector