

50-285/76-20

(PLEASE PRINT ALL REQUIRED INFORMATION)

EVENT DESCRIPTION

CAUSE DESCRIPTION

PERSONNEL EXPOSURES

PERSONNEL INJURIES

OFFSITE CONSEQUENCES

LOSS OR DAMAGE TO FACILITY

PUBLICITY

ADDITIONAL FACTORS

19
7 8 8 80

Attachment No. 1

Safety Analysis

The allowable peak kw/ft in the Technical Specification is 14.00 kw/ft. The penalty of 0.7 kw/ft reduces the allowable peak linear heat rate to 13.3 kw/ft. Using applicable uncertainties and augmentation factors the peak allowable linear heat rate is 10.9163. The peak value for linear heat rate recorded by Fort Calhoun Station Unit No. 1 was 9.49 kw/ft which occurred during 100% operation. Therefore, the reactor was not operated in violation of the reduced peak linear heat rate.

Further safety analysis will be issued in a supplemental report pending further investigation by Combustion Engineering, Inc.

Attachment No. 2

Corrective Action

On June 4, 1976, the incore detector alarms were reduced to reflect the new allowable peak linear heat rate of 13.3 kw/ft.

Figure 2-6 of Technical Specification 2.10.2 was reduced to reflect the change in peak linear heat rate of 13.3 kw/ft.

On June 11, 1976, the incore detector alarms were reduced by an additional 0.3 kw/ft to a peak allowable linear heat rate of 13.0 kw/ft. This was in response to a telecon order from the licensing division of the Nuclear Regulatory Commission.

Figure 2-6 of Technical Specification 2.10.2 was also reduced to a peak linear heat rate of 13.0 kw/ft.

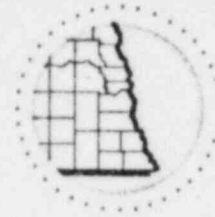
Attachment No. 3

Failure Data

This was the first incident at Fort Calhoun Station Unit No. 1 where an error in a computer code resulted in a reduction in the peak linear heat rate. The present computer model is being modified by Combustion Engineering, Inc., and after proper verification by authorities, it is expected to generate a peak linear heat rate for Fort Calhoun Station Unit No. 1 of equal or greater magnitude than the number presently found in the Technical Specifications.

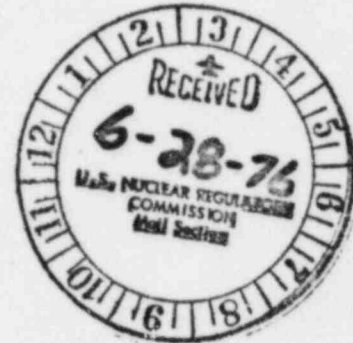
Omaha Public Power District

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



June 18, 1976
FC-208-76

Mr. E. Morris Howard
U. S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive
Suite 1000
Arlington, TX 76012

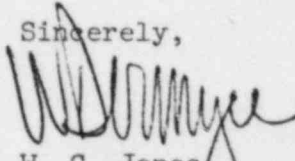


Dear Mr. Howard:

Reference: Fort Calhoun Station Unit No. 1
Locket No. 50-285

In accordance with the Fort Calhoun Station's Technical Specifications, the Omaha Public Power District, as holder of facility operating license DPR-40, submits three copies of the following licensee event report 50-285/76-20 to satisfy the requirements of Regulatory Guide 1.16.

Sincerely,


for W. C. Jones
Section Manager
Operations

WCJ/WDD:rge

Enclosures

cc: Director, Office of Management
Information and Program Control
U. S. Nuclear Regulatory Commission
Washington, DC 20555 (3)

Director, Office of Inspection and
Enforcement
U. S. Nuclear Regulatory Commission
Washington, DC 20555 (30)

Mr. L. C. Shalla
SARC Chairman
PRC Chairman
Fort Calhoun File (2)

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