

PRIORITY ATTENTION REQUIRED MORNING REPORT - REGION IV JUNE 28, 1994

Licensee/Facility:

Notification:

Wolf Creek Nuclear Oper. Corp.  
Wolf Creek 1  
Burlington, Kansas

MR Number: 4-94-0060  
Date: 06/28/94  
Resident Inspector

Dockets: 50-482  
PWR/W-4-LP

Subject: LICENSEE MEETING WITH THE RESIDENT INSPECTOR

Reportable Event Number: N/A

Discussion:

On June 27, 1994, Westinghouse advised the licensee of a design problem with new fuel that Wolf Creek has received. In response to core periphery flow vibration causing fuel failures at Beaver Valley and Salem, Westinghouse redesigned the fuel assembly by rotating some of the grid straps 90 degrees thus reorienting the mixing vanes. Individuals on the AP-600 advanced reactor program recently requested Westinghouse to perform some additional DNB studies. These studies revealed that this rotation of the grid straps affected flow enough to impart as much as a 16.5 percent DNB penalty.

This fuel is currently in use at Millstone Unit 3 and at two Korean nuclear units. The following four sites are currently receiving this newly designed fuel in preparation for future refuelings: Wolf Creek, D.C. Cook, Braidwood, and Byron. Options for the receipt of the new fuel include shipping it back to Westinghouse for rework and use of the fuel

ML020930341.txt

1  
in conjunction with a reanalysis and possible derate of the unit.

Regional Action:

The resident inspector and Regional staff will monitor licensee actions.

Contact: Melanie Miller

(817) 860-8127