

ENCLOSURE

SAFETY EVALUATION REPORT FOR  
DELETION OF PSEUDO ROD DROP  
WOLF CREEK GENERATING STATION  
DOCKET NO. STN 50-482

In a letter dated May 17, 1985, Kansas Gas and Electric Company (KG&E) requested an exemption for performance of the pseudo RCCA drop test at 50% power. The safety evaluation for this test at Wolf Creek included a potential for a violation of the F-Delta-H Technical Specification (Specification 3.2.3). Previously KG&E had requested a one time only exemption from Technical Specification 3.2.3.

The primary reason for performing the pseudo RCCA drop rod test is the verification of the Nuclear Instrumentation System (NIS) capability to detect a significantly misaligned rod. This test has been performed on many Westinghouse plants including Union Electric's Callaway Plant. The test results have always shown that the system has the capability of detecting a misaligned rod. For the Wolf Creek and Callaway plants,

- the core/vessel/detector relationship is the same
- the NIS is the same and
- the same model detectors are used.

Since the core and NIS are the same for the two plants, the Callaway capability to detect a significantly misaligned rod indicates that Wolf Creek would also detect the rod. The licensee has also agreed that the Wolf Creek test results prior to the pseudo rod drop test will be compared with the corresponding results for Callaway. This will further verify that the plant response is the same. We agree with the licensee that no useful information would be gained from performance of this test at Wolf Creek and thus find it acceptable to delete the pseudo rod drop test from the test program.

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