

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

7901300088

#### Description of Event

A potential non-conservatism has been identified in the calculations performed in monitoring the axial power distribution,  $F_j(z)$ , as per T.S. 4.2.6.1 and 4.2.6.2. Based on recent operating data, the amount of this non-conservatism has been estimated to be no larger than 0.4%.

This event is reportable under Technical Specification 6.9.1.8.1 since this represents the discovery of a condition not specifically considered in the safety analysis report or technical specifications that requires remedial action or corrective measures to prevent the existence or development of an unsafe condition.

#### Probable Consequences of Occurrence

There are no adverse consequences associated with this occurrence. A review of the records has shown that throughout the period of its use, the APDMS has indicated that more than enough margin has existed to accommodate this non-conservatism. In view of these circumstances, it is considered that the health and safety of the general public were not endangered.

#### Cause of Occurrence

This event results from the omission of the systems and procedures used to monitor  $F_j(z)$  to account for the effects of detector background (when present) on the process signal produced by the moveable incore detector system.

#### Immediate Corrective Action

Immediate corrective actions were to adjust the input values used by the surveillance systems and to monitor the power shape and background values to insure that the effects of this event are accounted for in a conservative manner.

#### Scheduled Corrective Action

The system and procedure used as per T.S. 4.2.6.2, were modified to account for detector background. We are discussing with Westinghouse suitable corrective measures with respect to the axial power distribution monitoring system. (APDMS).

#### Actions Taken to Prevent Recurrence

No actions to prevent recurrence are planned since this event is non-recurring in nature.