

LICENSEE EVENT REPORT
NARRATIVE REPORT
TMI-II
LER 81-20/03X-1
EVENT DATE - August 30, 1981

I. EXPLANATION OF OCCURRENCE

At 1545 hours on August 30, 1981, it was determined that the Fuel Handling Building Ventilation System was inoperable. This was based primarily on a high pressure differential across the filter banks and low exhaust flow rate. The prefilters and HEPA filters were replaced, tested and the system returned to an operable status on September 7, 1981.

II. CAUSE OF THE OCCURRENCE

The proximate cause of the system inoperability was due to loading of the prefilter and first bank HEPA filters, therefore, increasing the pressure drop across the respective filters. The root cause of this occurrence was failure to routinely check the ΔP on the filters.

III. CIRCUMSTANCES SURROUNDING THE OCCURRENCE

At the time of the occurrence, the Unit 2 facility was in a long-term cold shutdown state. The reactor decay heat was being removed via loss to ambient. Throughout the event there was no effect on the Reactor Coolant System or the core.

IV. CORRECTIVE ACTIONS TAKEN OR TO BE TAKEN

IMMEDIATE

Suspended all movements of radioactive gasses and liquids in Fuel Handling and Auxiliary Buildings.

The prefilter and the first bank of HEPA filters were replaced and tested.

LONG TERM

Operations surveillance (OPS-S-184 DTD 10/8/81) has been implemented which checks on a weekly basis the ventilation parameters which are indicative of component and overall system performance.

V. COMPONENT FAILURE DATA

Prefilter manufacturer: Glasfloss

component: Automatic Filter Rolls
Filter Media - Lenoweave