

ATTACHMENT TO LER 80-18/1T
NORTHEAST NUCLEAR ENERGY COMPANY
MILLSTONE NUCLEAR POWER STATION-UNIT 1
PROVISIONAL LICENSE NUMBER DPR-21
DOCKET NUMBER 50-245

IDENTIFICATION OF OCCURRENCE

Performance of structures were discovered that require corrective measures to prevent operation in a manner less conservative than assumed in the Safety Analysis Report.

CONDITIONS PRIOR TO OCCURRENCE

Prior to the occurrence the plant was shut down for a planned refueling outage.

DESCRIPTION OF OCCURRENCE

On November 5, 1980 at 0930 hours, two main steam line support members, MSRH-32 and MSRH-28, were found to have failed welds between the support members and the support structure. These supports are located between the reactor vessel and the inboard Main Steam Isolation Valves on the D Main Steam Line and the A Main Steam Line, respectively.

APPARENT CAUSE OF OCCURRENCE

An investigation into the cause of failure of the welds in question is in progress. Information concerning these failures will be provided in an update report following completion of the investigation.

ANALYSIS OF OCCURRENCE

The supports in question are provided to restrict axial movement of the main steam lines. The welds in question were not directly attached to the main steam lines, and their failure did not result in degradation of the primary system boundary, nor did their failure result in a condition that was not previously analyzed.

CORRECTIVE ACTION

The subject supports underwent visual and magnetic particle examination with no apparent discontinuities. The welds in question will be repaired, restoring the supports to their original design conditions and all remaining Main Steam System supports, both inside and outside the drywell, will be visually examined. Results will be provided in an update report. The system is being analyzed as per IE Bulletin 79-14; any required support modifications will be implemented prior to startup.