



**Consumers
Power**

**POWERING
MICHIGAN'S PROGRESS**

Palisades Nuclear Plant: 27780 Blue Star Memorial Highway, Covert, MI 49043

G B Slade
General Manager

October 1, 1993

Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

**DOCKET 50-255 - LICENSE DPR-20 - PALISADES PLANT - CONSUMERS POWER COMPANY
SUPPLEMENTAL COMMITMENTS RESULTING FROM A PCS THROUGH WALL LEAK**

On September 29, 1993, Consumers Power Company provided our committed actions as a result of recent events at Palisades. These events involved a through wall leak in a safe end to pipe weld in the pressurizer power operated relief valve (PORV) line and exceeding the Technical Specifications cooldown rate of 20 degrees per hour when the primary system cold leg temperature was less than 170 degrees. This letter provides supplemental commitments and clarifications related to the through wall leak in the pressurizer PORV line. Consumers Power Company will perform the following actions:

1. Develop and submit a formal action plan related to the through wall leak including those actions described in our September 29, 1993 letter and the actions listed below.
2. Perform a comprehensive failure analysis and root cause evaluation of the pressurizer PORV line safe end crack. The analysis will include evaluation of the implications of the root cause of the safe end crack to the other pressurizer penetrations safe ends and determine acceptability for continued operation.
3. Perform inside diameter surface examination (where accessible) and volumetric NDE that is effective for the detection of IGSCC on similar pressurizer Inconel 600 welds.
4. Perform all code required repairs and associated post repair NDE to correct defects identified during the NDE.
5. Re-evaluate the pipe stress associated with the modification to the PORV piping and review the pressurizer spray line support.

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6. Document the results of the above actions in a report to the NRC. This report is to include assurance why other similar austenitic (Inconel or stainless steel) welds in the PCS, if any, do not require any additional examination or repair.
7. Following submittal of the report, and prior to leaving cold shutdown, we request a meeting with NRC staff.



Gerald B Slade
General Manager

CC Administrator, Region III, USNRC
NRC Resident Inspector - Palisades

Attachment