



**Consumers
Power
Company**

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Walter Paulson
Operating Reactors Branch #5
Nuclear Reactor Regulation
US Nuclear Regulatory Commission
Washington, D.C. 20555

Enclosed is additional information related to the Palisades Steam Generator auxiliary feedwater sparger, as promised in my letter dated June 26, 1984. The following corrective action documents describing the disposition of various failures of the old sparger and liner are attached:

1) E-PAL-84-016, "Broken Auxiliary Feed Ring Connection"

Note that the proposed corrective actions identified on page 3 of the document were not performed. These actions involved a new thermal sleeve and splash shield designed by Combustion Engineering, as well as procedural controls to minimize potential adverse operating conditions (low flow rates with the sparger uncovered). The Westinghouse design superseded these corrective actions and addressed all design deficiencies identified in the previous design.

2) E-PAL-84-024, "Steam Generator E-50A Auxiliary Feedwater Nozzle Cracking"

3) D-PAL-84-075, "Missing Piece of Auxiliary Feed Ring Hanger A Steam Generator"

4) D-PAL-84-137, "Auxiliary Feedwater Piping Immediately Adjacent to Steam Generator B"

This information is being provided to assist the Staff in their generic review of the ramifications of the feedwater sparger failures at the Palisades Nuclear Plant. Should you require any additional information to complete your inspection of the issue, please notify me.

David J. VandeWalle
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