Domestic Utilities
American Electric Power
Carolina Power & Light
Commonwealth Edison
Consolidated Edison
Duquesne Light
Duke Power
Georgia Power
Florida Power & Light
Houston Lighting & Power
New York Power Authority
Northeast Utilities
Northern States Power
Pacific Gas & Electric
Public Service Electric & Gas
Rochester Gas & Electric
South Carolina Electric & Gas
Southern Nuclear
Tennessee Valley Authority
TU Electric
Union Electric
Virginia Power
Wisconsin Electric Power
Wisconsin Public Service
Wolf Creek Nuclear
International Utilities
Electrabel
Kansai Electric Power
Korea Electric Power
Nuclear Electric plc
Nuklearna Elektrana
Spanish Utilities
Taiwan Power
Vattenfall

OG-96-071

NRC Project Number 686
WCAP-14575

August 28, 1996

To: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Attention: Chief, Planning, Program and Management Support Branch (1L, 1A, 1R)

Subject: Westinghouse Owners Group
Transmittal of WCAP-14575, License Renewal Evaluation: Aging Management Evaluation for Class 1 Piping and Associated Pressure Boundary Components (MUHP-6119)

This letter transmits one copy of the Generic Technical Report (GTR), WCAP-14575, License Renewal Evaluation: Aging Management Evaluation for Class 1 Piping and Associated Pressure Boundary Components, August 1996. This report was developed as part of the Westinghouse Owners Group (WOG) Life Cycle Management/License Renewal (LCM/LR) Program. WCAP-14575 (non-proprietary) is being submitted under the NRC licensing topical report program for review and acceptance for referencing in licensing actions.

The purpose of the GTRs being developed by the WOG is to identify aging effects and to describe the various options that a utility can employ to manage the identified effects of aging. Management of aging effects will ensure that system, structure, or component intended functions can be maintained during an extended period of operation. Maintaining the intended functions will ensure the continued safe and efficient operation of our nuclear power plants.

Specifically, WCAP-14575 addresses how the effects of aging can be managed for class 1 piping and associated pressure boundary components that support the reactor coolant system intended function. The scope of this report includes domestic commercial nuclear power plants with Westinghouse nuclear steam supply systems. The scope is limited to class 1 piping, class 1 valve bodies, reactor coolant pump casings and associated pressure boundary components.

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NRC Project Number 686
WCAP-14575

WCAP-14575 concludes that the various effects of aging for class 1 piping are being managed for the current period of operation. For the extended period of operation, the class 1 piping and associated components intended function will be maintained by implementing aging management options identified and evaluated within the GTR. In addition, the RCS intended function supported by the class 1 piping and associated components will also be maintained.

If you have any questions regarding this material, please contact Roger Newton, LCM/LR Working Group Chairman, Wisconsin Electric Power Company at (414) 221-2002 or Gordon Vytlacil, Westinghouse at (412) 374-2563.

Attachment 1 is a service list providing the involved parties, addresses, phone numbers, and fax numbers. Please send all invoices to Mr. H. Sepp, Interim Project Manager, Westinghouse Owners Group, using the address on the service list.

Very truly yours,

Tom Greene

T.V. Greene
Chairman
Westinghouse Owners Group

Attachment

cc: S.C. Flanders, NRC/ADAR/PDLR (1L, 1A, 22R)
Westinghouse Owners Group Primary Representatives (1L)
Westinghouse Owners Group LCM/LR Working Group (1L)
Steering Committee (1L)
T.H. Cloninger, Houston Lighting & Power (1L)
T.C. McMeekin, Duke Power Company (1L)
H.A. Sepp, Westinghouse (1L)