

BOB

~~Sharon~~
Actual! Pl see last
cy goes in PDR,
etc.
B



NTD-NSRLA-SSL-95-016
NTD-NRC-95-4393

Nuclear Technology Division

Box 355
Pittsburgh Pennsylvania 15230-0355

January 25, 1995

Westinghouse
Electric Corporation

Energy Systems

Document Control Desk
US Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: B. Sheron, Director
Division of Engineering, NRR

Subject: Westinghouse Steam Generator Tube Mechanical Plug Corrosion Algorithm Revision

Dear Mr. Sheron:

Please find enclosed five copies of Addendum 3 to WCAP-12245, Rev. 3 entitled, "Addendum 3 to Steam Generator Tube Plug Integrity Summary Report," January 1995 (Non-Proprietary) for your information and use. This document has been provided to all of our customers with steam generator tube mechanical plugs manufactured from Alloy 600 TT material remaining in service.

Addendum 3 to WCAP-12245, Rev. 3 includes revised corrosion algorithm results to attempt to predict repair years for Westinghouse mechanical plugs manufactured from Alloy 600 Thermally Treated (TT) material. The need to revise the calculations for all the remaining plugs in service results from the observation of leaking plugs at St. Lucie Unit 1 in November of 1994. This revision in the corrosion algorithm results affects the mechanical plug replacement schedule previously defined in Addendum 2 to WCAP-12244, Rev. 3.

It continues to be the Westinghouse position that the mechanical plug corrosion issue is being effectively managed within the framework of the existing corrosion algorithm (as reviewed) and that the current situation is bounded by the scenario following the identification of the Bulletin Heats after the initial plug top release (PTR) event in 1989.

If you have any questions, please do not hesitate to call Bob Sterdis of my staff at 412-374-4311.

Very truly yours,

Nick Liparulo

Nick Liparulo, Manager
Nuclear Safety Regulatory &
Licensing Activities

9502010168 950125
PDR ADOCK 05200003
A PDR

ELM017:GW012095

1008

B. Sheron, Director
NTD-NSRLA-SSL-95-016
NTD-NRC-95-4393
January 25, 1995

bcc: V. J. Esposito- Waltz Mill
N. J. Liparulo - EC East 5-22
R. F. Keating - Waltz Mill
R. J. Sterdis - EC East 4-09
W. K. Cullen - EC East 4-09
G. W. Whiteman - EC East 4-09
R. Schene - Brussels
J. M. Moore - Expo 335
M. D. Beaumont - EC East 4-10
T. E. Arzenti - Waltz Mill
L. A. Nelson - Waltz Mill
R. E. Gold - Waltz Mill
P. Chahoy - EC East 5-22
E. L. Marto - EC East 4-09l