



ENTERGY

Entergy Operations, Inc.

P.O. Box B

Killona, LA 70066

Tel 504 739 6774

R. F. Burski

Director

Nuclear Safety

Waterford 3

W3F1-95-0031

A4.05

PR

March 10, 1995

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Subject: Waterford 3 SES
Docket No. 50-382
License No. NPF-38
Response to WCAP-12245, Revision 3, Addendum 3, Westinghouse
Steam Generator Tube Plug Integrity Summary Report.
(RE: Response to NRC Bulletin No. 89-01, Supplement 2, Failure
of Westinghouse Steam Generator Tube Mechanical Plugs)

Gentlemen:

The purpose of this letter is to provide the Waterford 3 response to the Westinghouse report WCAP-12245, Revision 3, Addendum 3, Steam Generator Tube Plug Integrity Summary Report, dated January, 1995, as requested by Westinghouse Electric Corporation in letter CWTR-95-200, dated January 27, 1995. Specifically, Westinghouse requested that plants provide to the NRC staff any impact of this revised information on existing action plans to address remaining installed plugs manufactured from Alloy 600 TT material in steam generators no later than 30 days prior to the next refueling outage.

Waterford 3 Steam Generators have a total of eleven remaining tube plugs currently installed in the cold legs of the Waterford 3 steam generators which are fabricated from the Group 2 heats. As submitted in response to NRC Bulletin 89-01, Supplement 2 (Waterford letter W3F1-91-0458), three tube plugs are installed in the cold leg of steam generator #1 and two tube plugs are installed in the cold leg of steam generator #2, which were fabricated from Heat #5222. Also, five tube plugs are installed in the cold leg of steam generator #1 and one tube plug is installed in the cold leg of steam generator #2, which were fabricated from Heat #1989.

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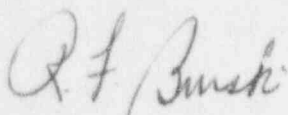
March 10, 1995

In accordance with Westinghouse report WCAP-12245, Revision 2, Addendum 2 the remaining lifetime estimates for the mechanical tube plugs in the cold legs of Waterford 3 steam generators indicated that the year to repair or replace plugs was year 2007 for Heat # 5222 and year 2132 for Heat # 1989. WCAP-12245, Revision 3, Addendum 3 has revised the remaining lifetime estimates to indicate that the year to repair or replace Heat #5222 plugs to be year 2002 and Heat #1989 to be year 2058.

Waterford currently plans to replace the remaining Group 2 heat tube plugs with alloy 690 tube plugs during Refuel 9, scheduled for the fall of 1998. The revised remaining lifetime estimates of WCAP-12245, Revision 3, Addendum 3, for the tube plugs installed in Waterford's Steam Generator Cold Legs remain beyond the expected time which Waterford 3 will replace the Steam Generator Alloy 600 tube plugs. Therefore, no changes are necessary to Waterford's action plan based on the revised information of WCAP-12245 Revision 3, Addendum 3. Waterford also continues to agree that the Justification for Continued Operation as presented in previous revisions of WCAP and prior addenda remain valid.

If there are any questions on this matter, please contact W.H. Pendergrass at (504)739-6254.

Very truly yours,



R.F. Burski
Director
Nuclear Safety

RFB/WHP/tjs

cc: L.J. Callan, NRC Region IV
C.P. Patel, NRC-NRR
R.B. McGehee
N.S. Reynolds
NRC Resident Inspectors Office