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Document Control Desk
U.S. NUCLEAR REGULATORY COMMISSION
Mail Station P1-137
Washington, DC 20555

Gentlemen:

DOCKETS 50-266 AND 50-301
ACTION PLAN SUBMITTAL FOR RESOLUTION OF
WESTINGHOUSE ALLOY 600 TT MECHANICAL PLUG FINDINGS
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

This letter describes our action plans regarding Westinghouse Alloy 600 thermally treated mechanical plugs in the steam generators at Point Beach Nuclear Plant, Unit 2.

In a letter to your staff, dated February 3, 1995, we described the status of Alloy 600 thermally treated (TT) mechanical plugs in the steam generators at Point Beach Nuclear Plant (PBNP) Units 1 and 2. In that letter, we stated that no action was planned for the plugs in the Unit 1 steam generators. For the plugs in the Unit 2 steam generators, we committed to inform you of our detailed action plans within 30 days prior to the next Unit 2 refueling outage. The next Unit 2 refueling outage is scheduled to begin on October 7, 1995.

PBNP Unit 2 uses Westinghouse Model 44 steam generators with partial depth tube roll expansion. There are a total of 364 Westinghouse Alloy 600 TT mechanical plugs in service in the Unit 2 steam generators which have not been repaired. There are 88 plugs in the hot legs and 276 plugs in the cold legs.

We have reviewed Addendum 3 to WCAP-12244, Revision 3, and have factored that information into our action plans for the plugs in the Unit 2 steam generators. The 88 plugs in the hot legs are Category 1 plugs. Category 1 plugs are those with a remaining service life estimate less than or equal to the year 2000. The 276 plugs in the cold legs are Category 3 plugs. Category 3 plugs have remaining service life estimates greater than the year 2005.

The current Westinghouse action plan recommends remedial action for all Alloy 600 TT mechanical plugs over the next five years beginning with the Category 1 plugs in the next scheduled outage

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of greater than 30 days duration. However, the Westinghouse action plan also recognizes that plant specific circumstances may exist which support deferral of remedial action beyond the next scheduled outage. One such case is Category 1 plugs in steam generators with partial depth roll expansions. Accordingly, we plan to defer repair/replacement of the Category 1 Alloy 600 TT mechanical plugs in the Unit 2 steam generators beyond the next refueling outage, scheduled to begin October 7, 1995.

Our decision is based on the following:

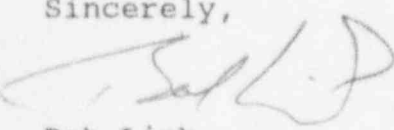
1. The partial depth roll expansion design of the Unit 2 steam generators precludes a plug top release (PTR) event.
2. An 800 psid, secondary to primary leak test is performed on the Unit 2 steam generators every refueling outage. During the test, the primary side of the steam generator tube sheet is inspected. Any leaking Alloy 600 TT mechanical plug will be repaired or replaced prior to start-up.
3. The plant Emergency Operating Procedures, based on the Westinghouse Emergency Response Guidelines (ERG's), are adequate to bring the plant to a safe shutdown condition in the unlikely event of a primary to secondary leak.
4. Replacement of the Unit 2 steam generators is scheduled for the Fall of 1996.

If replacement of the Unit 2 steam generators is delayed beyond the Fall, 1996 refueling outage, we will reevaluate our action plan regarding the Category 1 Westinghouse Alloy 600 TT mechanical plugs and inform you of the results.

As remedial action for the Category 3 plugs is not required until the year 2000, and because we plan to replace the Unit 2 steam generators in 1996, no action is currently planned for those plugs.

If you require additional information, please contact us.

Sincerely,



Bob Link
Vice President
Nuclear Power

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cc: NRC Resident Inspector
NRC Regional Administrator, Region III