



**Wisconsin Electric** POWER COMPANY  
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WITHHOLD FROM PUBLIC DISCLOSURE  
CONTAINS 10 CFR 2.790 MATERIAL



April 23, 1982

Mr. H. R. Denton, Director  
Office of Nuclear Reactor Regulation  
U. S. NUCLEAR REGULATORY COMMISSION  
Washington, D. C. 20555

Attention: Mr. R. A. Clark, Chief  
Operating Reactors, Branch 3

Gentlemen:

DOCKET NOS. 50-266 AND 50-301  
STEAM GENERATOR SLEEVING PROGRAM  
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

This is to provide information requested verbally by Mr. Colburn of your staff regarding radiation exposure estimates for installation of sleeves in steam generator tubes as described in Figure 8.6-1 of the Point Beach Steam Generator Sleaving Report, WCAP-9960, Revision 1 (Reprint), (Proprietary) ("Sleaving Report"). A copy of this figure is provided as Attachment 1.

The estimated exposures in Attachment 1 are based upon the use of semi-remote equipment for installation of sleeves and equipment and processes described in the Sleaving Report. Initial dose rates are conservatively assumed to be 30 Rem/hr in the channel head, 12 Rem/hr at the channel head manway, and 3 Rem/hr in general platform areas around the channel head. Estimates of radiation exposure per sleeve installed are based upon estimated personnel occupancy times in the channel head and adjacent areas during sleaving installation. With the semi-remote equipment, it is estimated that [ ] a,c,e of channel head time is required per sleeve. Approximately [ ] a,c,e and [ ] a,c,e per sleeve are required in the manway and platform areas, respectively. This results in an estimated radiation exposure per sleeve of [ ] a,c,e person-rem, assuming no decontamination of the steam generator channel head prior to sleaving. This exposure estimate is the basis for the upper curve in Attachment 1. Other exposure estimates are calculated by applying various channel head decontamination factors to this value.

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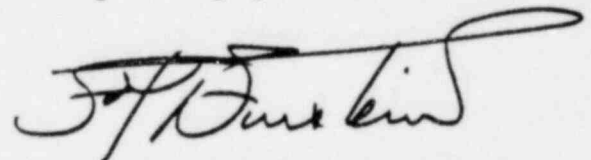
April 23, 1982

Radiation exposures for other activities associated with the sleeving program, such as decontamination of the steam generator channel head, are provided in Table 3 of the sleeving demonstration program summary report which was submitted by our letter dated January 25, 1982.

This letter and attachment contain information which is proprietary to Westinghouse Electric Corporation. In conformance with the requirements of 10 CFR 2.790 of the Commission's regulations, we request that the information contained within brackets be withheld from public disclosure. Included with the transmittal of the original Sleeving Report, dated September 28, 1981, was an application for withholding such information from public disclosure and an affidavit from Westinghouse Electric Corporation in support of that application. That affidavit sets forth the basis on which the bracketed information should be withheld from public disclosure.

We shall be pleased to respond to any questions you may have regarding this information.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Sol Burstein", with a stylized, flowing script.

Executive Vice President

Sol Burstein

Attachment

Copies to NRC Resident Inspector  
ASLB Service List