



Wisconsin Electric POWER COMPANY
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May 2, 1984

CERTIFIED MAIL

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

Attention: Mr. J. R. Miller, Chief
Operating Reactor, Branch 3

Gentlemen:

DOCKET NOS. 50-266 AND 50-501
TECHNICAL SPECIFICATION CHANGE REQUEST NO. 98
SURVEILLANCE OF CONTAINMENT TENDONS
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

In accordance with Sections 50.59 and 50.90 of 10 CFR 50, Wisconsin Electric Power Company (Licensee) hereby requests amendments to Facility Operating Licenses DPR-24 and DPR-27 for Point Beach Nuclear Plant, Units 1 and 2, respectively. The purpose of these amendments is to incorporate changes into the Point Beach Technical Specifications which govern the surveillance of the containment prestressed tendons. The purpose of these changes is to improve the tendon surveillance program. Specific changes addressed by this application are identified by margin bars on the attached proposed Technical Specification pages and are discussed in the following.

The major difference between the existing tendon surveillance specification, 15.4.4.VII, and the specification proposed herewith is the process for selecting the tendons to be monitored. The existing specification requires inspections on the same nine surveillance tendons during each interval. The proposed specification would require periodic surveillance on randomly selected tendons for each of the three tendon groups, e.g., hoop, vertical and dome. Surveillance would be conducted on eleven tendons consisting of five hoop tendons, three vertical tendons, and three dome tendons. This is consistent with the regulatory position of the NRC proposed Revision 3, dated April 1979, to Regulatory Guide 1.35, "Inservice Inspection of Ungrouted Tendons in Prestressed Concrete Containments".

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The frequency of the tendon surveillance is unchanged; however, the revised specification identifies both a visual and physical inspection. A visual inspection is required on all the tendons selected for surveillance each interval. The physical inspection alternates each five years between the two Point Beach units. This procedure is also consistent with the recommendations of the proposed revision to Regulatory Guide 1.35.

The proposed physical inspection may be compared to the existing tendon surveillance as follows:

1. In both the existing and proposed program the lift-off force of all surveillance tendons is determined. The revised specification establishes additional testing of adjacent tendons if the prestressing force of a selected tendon is greater than 90% of the predicted lower limit but less than the predicted lower limit.
2. The existing specification requires all the surveillance tendons (the same tendons for each periodic inspection) to be detensioned and inspected for broken wires. The proposed specification requires one randomly selected tendon from each group to be detensioned to identify broken or damaged wires. The proposed specification imposes additional tensile testing requirements on a removed wire and imposes elongation and jacking force measurements not required by the existing specification.
3. The proposed specification imposes new reporting requirements in the event that an engineering evaluation of any abnormal conditions indicates that a significant degradation of the containment integrity may exist.

As required by 10 CFR 50.91(a)(1), we have prepared the following discussion concerning the issue of whether or not these proposed changes involve any significant hazards considerations. Such a determination must be made using the standards and criteria specified in 10 CFR 50.92. The Nuclear Regulatory Commission has provided guidelines concerning the application of these standards in 48 Federal Register 14870. This reference lists several categories of license amendments which are considered as very likely not to involve a significant hazards consideration. One of these categories involves changes that constitute additional limitations or restrictions not previously contained in the specification. As discussed above, the proposed changes to the tendon surveillance specification impose additional testing, inspection, and reporting criteria. Accordingly, we believe these proposed revisions to the Technical Specifications do not constitute a significant hazards consideration.

Mr. H. R. Denton

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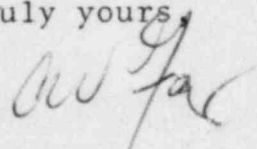
May 2, 1984

In accordance with the schedule of fees for reactor facility license amendments as listed in 10 CFR 170.22, we have enclosed a check in the amount of \$4,400 for the review and approval of this amendment application. This amount is based on our determination that these proposed changes involve a single issue for which an NRC position and acceptability, specifically Regulatory Guide 1.35, has been previously identified. Accordingly, this approval action should constitute a Class III approval fee for Point Beach Unit 1 and a Class I, or duplicate, approval for Point Beach Unit 2.

We are presently planning to conduct tendon surveillance on both units at Point Beach during the summer of 1984 beginning in July or August. We request that these proposed Technical Specification changes be approved and issued as soon as possible, consistent with the applicable noticing requirements, so that we may utilize these revised tendon surveillance inspection procedures at that time.

As also required by Commission regulations, we are enclosing herewith three signed originals and, under separate cover, forty copies of this amendment application. Please contact us if you have any questions concerning this submittal.

Very truly yours,

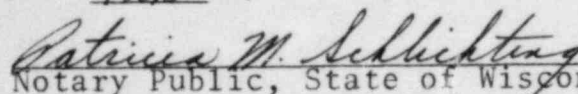


Vice President-Nuclear Power

C. W. Fay
Enclosures (Check No. 784424)

Copies to NRC Resident Inspector
C. F. Riederer, PSCW

Subscribed and sworn to before me
this 4th day of May, 1984.


Notary Public, State of Wisconsin

My Commission expires May 4, 1986.