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McGuire Nuclear Generation Department
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DUKE POWER

February 17, 1993

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

Subject: McGuire Nuclear Station, Units 1 and 2
Docket Nos. 50-369 and 50-370
Unqualified coatings inside Containment
Request for NRC approval

Dear Sir;

By a letter dated July 29, 1992 Duke Power requested NRC to review and approve a technical justification that was provided in support of enhancements made to our program for the control of coatings inside containment. A fundamental criteria of the program enhancements involves limiting the amount of unqualified coatings inside containment to less than 20,000 square feet. The following discussion provides additional information concerning our July 29, 1992 submittal.

Whenever possible, qualified coatings will be used inside containment. However, there maybe times when it may not be possible to use qualified coatings. For instance, if the surface to be coated can not be properly prepared so that qualified coatings can be applied.

The program for the control of coatings inside containment will limit the amount of unqualified coatings to less than 20,000 square feet. The overall amount of debris that could reach the sump during a design basis event is not significantly increased even if all 20,000 square feet of unqualified coatings were to fail. The unqualified coatings is not considered to be a significant contributor to the total amount of debris that could clog the sump during an event. The original conclusions that were reached in evaluating the impact of debris on sump performance during the initial licensing of McGuire have not changed as a result of the additional debris from unqualified coatings.

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P PDR

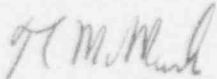
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As a final note, during the upcoming refueling outage for Unit 1 (scheduled to begin March 13, 1993), certain areas of the containment liner plate are scheduled to be coated in response to the containment corrosion issue of several years ago. By coating these areas, the rate of corrosion will be significantly reduced. The coatings to be applied are considered to be unqualified because of limited access for surface preparation. Further, there are no high energy lines in the vicinity of where unqualified coatings will be applied which could result in direct impingement from a postulated rupture of a high energy line. In support of this effort, NRC approval of our request provided by my July 29, 1992 letter is requested prior to the start of the Unit 1 refueling outage.

If you have any questions regarding this issue, please contact Paul Guill of my staff at (704) 875-4002.

Very truly yours,



Ted C. McMeekin

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xc: with attachment
S. D. Ebnetter
Regional Administrator, Region II

P. K. Van Doorn
Senior Resident Inspector, McGuire

T. A. Reed, Project Manager
ONRR

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bc: with attachment
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L.T. Burba (NS) [File: MC-801.01]
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