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DUKE POWER

May 8, 1992

U.S. Nuclear Regulatory Commission
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Subject: **McGuire Units 1 & 2**
Eddy Current Inspection

This is to confirm our current plans regarding eddy current inspection for McGuire Units 1 & 2.

UNIT 1

Status: The unit was shutdown on May 1, 1992 and is currently in cold shutdown.

1) Bobbin coil eddy current inspection and analysis will be performed on all cold legs and the Steam Generator 1A hot leg (the Steam Generator 1A hot leg is included because Unit 1 had a small leak in the 'A' Steam Generator prior to shutdown).

2) Special eddy current inspection and/or analysis will be performed for all indications that are identified during the bobbin coil inspection.

3) Up to six tubes will be selected to be pulled for further test and inspections.

4) A variety of inspection data will be acquired prior to the tube pulls for later correlation/validation with the lab analysis.

5) All tubes meeting our plugging criteria will be removed from service and the unit will be returned to service.

UNIT 2

Status: The unit is operating at 100% power.

1) Unit 2 shutdown will commence on or about May 22, 1992. Continued safe operation of Unit 2 for the next two weeks is based upon an engineering analysis that determined the unit could safely operate for a five month period. Also, the shorter operational life on Unit 2 and the short operational time since the last Steam Generator inspection further increase confidence in the safe operation of the unit.

2) Inspections and analysis on all cold legs will be performed incorporating any lessons learned on Unit 1. As a minimum, this will include bobbin coil on all cold legs. Special eddy current inspection and/or analysis will be performed for all indications that are identified during the bobbin coil inspection as a minimum.

3) All tubes meeting our plugging criteria will be removed from service and the unit will be returned to service.

4) The Technical Specification 3.4.6.2 (c) primary to secondary leakage for both units had previously been administratively limited during the remainder of Cycle 8 to 50 gpd/S/G with Mode 3 reached within 12 hours. This was previously committed for Unit 1 in my February 7, 1992 letter but was implemented for both units at that time. This letter documents our commitment to apply this more conservative leakage criteria to Unit 2.

Duke has selected this course of action as we believe this will maximize the eddy current inspection quality on both units while assuring the health and safety of the public.

Tony McConnell for

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TCM/jsd

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