

DUKE POWER COMPANY

P.O. BOX 33189
CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

June 6, 1989

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555 (CN's 1-10)

Subject: McGuire Nuclear Station, Units 1 and 2
Docket Nos. 50-369 and 50-370
Pump and Valve Inservice Testing Program
NRC Review/Program Revision 11 (Unit 1) and 7 (Unit 2)
[Re: Relief Request No. 88-07]
(TACS 61271/61272)
Commitments Implementation Update

Gentlemen:

My letter of October 31, 1988 submitted (pursuant to 10CFR50.4 and 50.55a(g)) Unit 1 Revision 11 and Unit 2 Revision 7 of the McGuire Nuclear Station Pump and Valve Inservice Testing (IST) Program. That comprehensive revision reflected the results of a meeting between Duke Power Company and NRC (with technical assistance from their contracted reviewer, EG&G Idaho, Inc.) held August 16 and 17, 1988 to finalize the IST Program. Among the issues discussed during the meeting, as documented in Mr. D. S. Hood's (NRC/ONRR) letter to me dated September 8, 1988 (Ref. Pump Testing Program questions Nos. 3, 4, and 5), were the accuracy of Duke's portable vibration instrumentation, the Pump Vibration Monitoring Program units utilized, and bearing temperature measurement requirements.

As a result of the above mentioned discussions, Notes 2 and 3 were included in IST Manual Section I.1, along with General Relief Requests B and C in Section I.3, in the subject revisions. These noted that McGuire's vibration measurement accuracy is $\pm 11\%$, and that the vibration measuring equipment would be upgraded to meet the IWP instrument accuracy requirement and vibration measurements changed from displacement to velocity by June 1, 1989 (after changing to velocity vibration measurements, bearing temperature measurements would be dropped from the IST Program).

This letter is to inform you that the June 1, 1989 date was not met. Duke has investigated the available vibration measuring equipment to evaluate which machine could best meet the needs of our three nuclear stations (McGuire, Oconee, and Catawba). This evaluation is still in progress and has encountered several delays. Although the vibration measuring equipment to be used by each station

8906160076 890608
PDR ADOCK 05000369
PDC

A047
10

U. S. Nuclear Regulatory Commission

Page 2

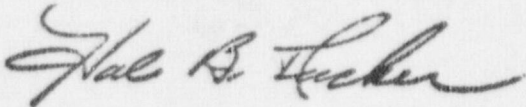
June 6, 1989

has been determined, it has been discovered this equipment may not meet the vibration instrumentation requirements of IWP (and OM-6). Plans have been developed to determine the best obtainable accuracy for this equipment. Relief will be requested for IWP Vibration Monitoring requirements that are impractical. Also, due to delays caused by the unexpected steam generator tube rupture outage, McGuire has not yet implemented the change from displacement to velocity vibration measurements. Presently, McGuire is measuring displacement and performing bearing stabilization in accordance with IWP (General Relief Requests I.3 B and C have not been exercised for either unit).

Duke is pursuing IWP vibration accuracy requirements and hopes to resolve the problems in the near future for all three nuclear stations. McGuire is pursuing the change from displacement to velocity vibration measurements and plans to achieve implementation by October 10, 1989.

If there are any questions on this matter, or if additional information is required (especially with respect to any impacts on the McGuire IST Program SER which is currently being written, as discussed in my May 16, 1989 letter), please advise.

Very truly yours,

A handwritten signature in cursive script that reads "Hal B. Tucker". The signature is written in dark ink and is positioned above the typed name.

Hal B. Tucker

PBN169/lcs

U. S. Nuclear Regulatory Commission

Page 3

June 6, 1989

xc: Mr. S. D. Ebnetter
Regional Administrator, Region II
U.S. Nuclear Regulatory Commission
101 Marietta St., NW, Suite 2900
Atlanta, Georgia 30323 (CN11)

Mr. Herb Rockhold
EG&G Idaho, Inc.
Idaho National Engineering Laboratory
1520 Sawtelle Street
Idaho Falls, Idaho 83402 (CN12)

Mr. Darl Hood, Project Manager
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Mr. P. K. VanDoorn
NRC Resident Inspector
McGuire Nuclear Station