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**DUKE POWER**

April 12, 1996

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

Subject: McGuire Nuclear Station  
Docket Nos: 50-369 and 370  
AT&T Round Cell Battery - Periodic Update

Dear Sir:

Per our previous commitment on this issue, please find attached the required periodic update. We are pleased that an industry group has been established to address the AT&T Round Cell Battery issues. We look forward to supporting this industry efforts.

If you require further information, please contact James E. Snyder at (704)875-4447.

Very truly yours,

A handwritten signature in cursive script, appearing to read 'T. C. McMeekin'.

T. C. McMeekin

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US Nuclear Regulatory Commission  
April 13, 1996

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Atlanta, Ga. 30323

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Mr. Robert E. Martin  
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bxc: E. Mac Geddie  
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April 8, 1996

Mr. James E. Snyder  
Regulatory Compliance Manager  
McGuire Nuclear Station

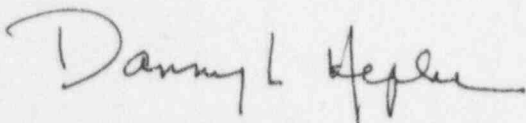
Subject: AT&T Round Cell Battery Capacity After Recharge  
Periodic Update per 12/05/95 Letter to NRC, Commitment #2  
PIP 0-M95-2131, Corrective Action #2

In letter dated 12/05/95, McGuire committed to periodically inform the NRC of the status of the dialog between McGuire and the vendor regarding recovered battery capacity immediately following recharging. The following is an update status of the dialog:

AT&T has submitted a proposal and plan for additional testing (Phase III) to determine the optimal recharge methodology. AT&T has agreed to fully fund this testing, with the stipulation of remaining in full control of the project. The testing will be proprietary due to possible speculation and misinterpretation of interim results. AT&T will be issuing periodic status reports and the project is scheduled to extend through 1996. Therefore, final conclusions may not be known and a final report issued until the first quarter of 1997. The test plan involves various methods of recharge and discharge of dedicated high specific gravity cells. The testing will be conducted at the C&D test facility in Conshohocken, PA. and directed by AT&T engineers.

The Dallas Works - Power Systems Division of AT&T has reorganized and will be identified as Lucent Technologies. It is not known at this time how this restructuring will affect future communication and support. As a result of restructuring, there is a new Round Cell Product Manager, Dr. K.A. Murugesamoorthi. ESE Engineering has been in communication with Dr. Murugesamoorthi, and will be working with Lucent Technologies and Bell Laboratories on these issues.

McGuire has developed a draft Charter for the AT&T Round Cell Nuclear Utility User's Council. It has been sent to Council members for review and comments. Plans are to incorporate comments, issue a second draft, discuss and hopefully finalize the Charter at the next Council meeting, 4/18/96.



Danny L. Hepler  
MNS Electrical Systems & Equipment Engineering

cc: D.M. Jamil W.N. Matthews K.L. Crane File MC-1356.01