

MIT NUCLEAR REACTOR LABORATORY

AN MIT INTERDEPARTMENTAL CENTER

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May 26, 2009

U.S. Nuclear Regulatory Commission
Attn: Document Control Room
Washington, DC 20555

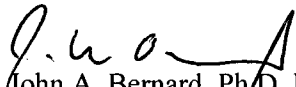
Re: Massachusetts Institute of Technology – Request for Additional Information License Renewal; License No. R-37; Docket No. 50-20

Dear Sir or Madam:

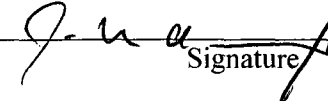
The following information is provided in response to the e-mail dated 6 May 2009 from Mr. William Kennedy (NRC, Research and Test Reactor, Branch A) to John Bernard (MIT, Director of Reactor Operations). The responses provided below have been reviewed by the MIT Committee on Reactor Safeguards.

1. The decommissioning method that is to be used is DECON.
2. The costs associated with energy, equipment, and supplies were apportioned 89%/11% between labor and burial. There have been two cost estimates for decommissioning performed by outside vendors. The first, done by GE, gave the result in terms of labor and burial. This study provided a cost-escalation formula. The second, done by Duke Energy Services, gave the result in terms of labor, burial, and other categories. The Duke estimate is the most recent. Our current estimate was obtained by applying the GE escalation formula to the Duke cost. The NUREG guidance was used to determine the inflators.
3. We have requested that the MIT Treasurer's Office update the escrow agreement, and will forward same to NRC once it is available.

Sincerely,


John A. Bernard, Ph.D, PE, CHP
Director of Reactor Operations

I declare under the penalty of perjury that the foregoing is true and correct.

Executed on 5-26-09 
Date Signature

cc: William B. Kennedy
Project Manager
Research and Test Reactors Branch A
U.S. Nuclear Regulatory Commission

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NRC