

GPU Nuclear Corporation
Post Office Box 480
Route 441 South
Middletown, Pennsylvania 17057
717 944-7621
TELEX 84-2386
Writer's Direct Dial Number:

March 15 1983
4410-83-L-0030

TMI Program Office
Attn: Dr. B. J. Snyder, Program Director
US Nuclear Regulatory Commission
Washington, DC 20555

Dear Sir:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)
Operating License No. DPR-73
Docket No. 50-320
TMI-2 Core Accountability

Attached for your information is the GPUNC Technical Plan for Core Accountability at TMI-2.

Your letter of June 23, 1982, provides some guidelines on developing a special nuclear material accountability program for TMI-2. Based on this letter and subsequent discussions with members of your staff, the attached Technical Plan for TMI-2 Core Accountability was developed. This Plan provides the basis to develop detailed procedures concerning activities which have an impact on core accountability. GPUNC's review of this program indicates that it is in compliance with existing regulations. A copy of this Technical Plan has been provided to the on-site office of the Department of Energy (DOE) for information purposes.

With respect to the list of components comprising the original, as-built core provided on Page 2 of the attached document, some clarification is needed. The original core contained 40 orifice rods, all of which were removed prior to the accident. Two different, modified orifice rods were then re-placed to holddown the neutron sources (listed in Item 7) in place. Hence, Item 8 which lists that 38 orifice rods were removed is technically correct, but may be misleading lacking this explanation.

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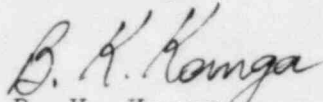
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Dr. B. J. Snyder, Program Director

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If you have any questions on this Technical Plan, please contact Mr. J. J. Byrne of my staff.

Sincerely,


B. K. Kanga
Director, TMI-2

BKK/JJB/jep

Attachment

CC: Mr. L. H. Barrett, Deputy Program Director - TMI Program Office