

U Nuclear

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October 4, 1982
4410-82-L-0019

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U.S. NUCLEAR
REGULATORY COMMISSION

TMI Program Office
Attn: Mr. L. H. Barrett, Deputy Program Director
US Nuclear Regulatory Commission
c/o Three Mile Island Nuclear Station
Middletown, PA 17057-0191

Dear Sir:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)
Operating License No. DPR-73
Docket No. 50-320
Installation of the Pressure Relief Device for
Long Term Storage on Spent SDS Liner Vent Hoses

At the request of Rockwell Hanford Operation (RHO), the eventual recipient of many of the spent SDS liners, a pressure relief device is being added to the vent hose for long-term storage of these liners. This device will be fabricated and tested by RHO then sent to TMI for installation prior to shipment of spent SDS liners. The device will be attached to the SDS liner vent hose isolation valve and the valve will then be opened causing the pressure relief device to become part of the liner pressure boundary. This device is not needed on the spent SDS liners stored in the fuel pool because they are continuously vented to the SDS Offgas System.

Shipment of a spent SDS liner in this configuration will not hamper the operation of the hydrogen/oxygen recombiner which is presently being evaluated by GPU, nor is it required for the safe shipment of the liner. This device is required by RHO as a controlled pressure relief device in the unlikely event that hydrogen and oxygen are not present in stoichiometric quantities inside the liner causing a pressure increase due to the accumulation of an excess of either hydrogen or oxygen after these liners are buried.

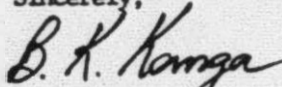
Since the pressure relief device has a rated rupture pressure at the design pressure of the SDS liners, it does not compromise the liner pressure boundary in any way. The devices will be installed by GPU Operations personnel using approved GPU procedures with the appropriate QC hold points, prior to any shipment of SDS spent liners slated for disposal by burial by RHO. These procedures will also be submitted to

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the NRC for approval in accordance with Technical Specifications 6.8.2.

If you have any questions please feel free to contact Mr. J. J. Byrne of my staff.

Sincerely,

A handwritten signature in dark ink, appearing to read "B. K. Kanga". The signature is fluid and cursive, with the first name "B." and last name "Kanga" clearly distinguishable.

B. K. Kanga
Director, TMI-2

EKK/JJB/jep

CC: Dr. B. J. Snyder, Program Director - TMI Program Office