



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

March 3, 1994

MEMORANDUM TO: Robert Elliott,
Containment Systems & Severe Accident Branch
Division of Systems Safety and Analysis
Office of Nuclear Reactor Regulation

FROM: Michael Marshall, Task Manager
Engineering Issues Branch
Division of Safety Issue Resolution
Office of Nuclear Regulatory Research

SUBJECT: HEAD LOSS AND OTHER FIBROUS MATERIALS TESTS
CONDUCTED BY INDUSTRY (i.e., PCI and TRANSCO)

Attached are the reports that PCI and Transco have submitted to the NRC. Some of the information in the reports may be used in the strainer blockage study. The following reports were submitted by PCI:

"Air Blast Destructive Testing of NUKON® Insulation Simulation of a Pipe Break LOCA" - 10/93

"Head Loss Tests with Blast Generated NUKON® Insulation Debris" - 10/93

The following reports were submitted by Transco:

"Experimental Measurements on the Characteristics of Flow Transport, Pressure Drop, and Jet Impact on Thermal Insulation, NRC Guide 1.82" - 05/92

"The Effects of pH and Thermal Exposure on the Head Loss of Series A Shreds, NRC Guide 1.82" - 05/92

"Measurements on the Sink Rate and Submersion Time for Fibrous Insulation" - 05/93

"Postulations of the Range of Fibrous Insulation Debris Size Generated by High Energy Jet Impact" - 04/93

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Attachments:
see body of memorandum

cc: Aleck Serkiz (w/o attachments)
John Hickman (w/o attachments)
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