

UNITED STATES NUCLEAR REGULATORY COMMISSION

In the Matter of: )

)

HITTMAN NUCLEAR & DEVELOP-  
MENT CORPORATION )

Docket No. 99900768/82-01

)

AFFIDAVIT OF CHARLES W. MALLORY

State of Maryland ) ss.  
County of Howard )

Being duly sworn, affiant hereby deposes and says:

1. My name is Charles W. Mallory and I am Vice-President for Engineering at Hittman Nuclear & Development Corporation ("HNDC"), a position I have held since June 1977.

2. My business address is 9190 Red Branch Road, Columbia, Maryland 21045.

3. I received a B.S. in mechanical engineering from the University of Colorado in 1946, a Bachelors in civil engineering from Renssalaer Polytechnic Institute in 1950, and engaged in graduate studies in nuclear engineering at Union College in 1954.

4. In my capacity as Vice President for Engineering, I participated in HNDC's undertaking in early 1981 for the design and fabrication of replacement impact skirts for an HN-200 cask used for the transportation of radioactive wastes under license from the U.S. Nuclear Regulatory Commission ("NRC").

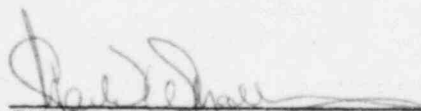
5. In connection with the design and fabrication of the replacement impact skirts, Flextron, Inc. and other vendors of impact absorbing foam were contacted and asked to supply foam samples to be screened for compression values, not to be installed in any licensed casks used by HNDC.

6. Flextron, Inc. supplied the original foam used in the HN-200 cask. The sample sent by Flextron in early 1981, however, was reported by a subordinate not to have the impact absorbing characteristics as described in the HN-200 Safety Analysis Report.

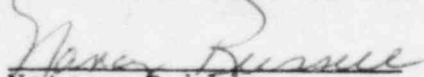
7. A review of the 1971 test data for the original foam type which was used in the HN-200 cask, reveals that the original foam exceeded compression values reported to the NRC in the Safety Analysis Report for the HN-200 cask.

8. To the best of my knowledge, no tests of the 1971 foam actually used in the HN-200 cask were performed in 1981.

9. Subsequent tests conducted on April 8 and 15, 1982 of the original impact absorbing foam used in the HN-200 cask revealed that the original foam exceeded the foam requirements in the Safety Analysis Report for the HN-200 cask. The records of this test were retained by HNDC in accordance with the requirements of 10 CFR § 21.51(b).

  
L.S.  
CHARLES W. MALLORY

Charles W. Mallory, the affiant herein, appeared before me, a Notary Public in the State of Maryland for the County of Howard, and, being duly sworn, stated that he has read the foregoing "Affidavit of Charles W. Mallory" and that the contents thereof are true and correct to the best of his knowledge and belief.

  
Notary Public My Commission Expires 7/1/86