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PDR-1  
LPDR - WM-10 (2)

SEP 25 1987

SW/87/09/25

- 1 -

MEMORANDUM FOR: Victor Stello, Jr.  
Executive Director for Operations

FROM: Hugh L. Thompson, Jr., Director  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: IODINE-129 GROUNDWATER DATA AT THE HANFORD, WASHINGTON SITE

The DHLWM staff recently received a DOE report entitled "Data Compilation: Iodine-129 in Hanford Groundwater". The staff has reviewed the report to determine the relevance of historical Iodine-129 groundwater data collected at the Hanford site with regard to Hanford's suitability as a potential location for a high-level waste geologic repository. Based on this review, the staff has concluded that none of the historical groundwater data identified to date indicates that the site should be disqualified as a repository site. The enclosed document provides additional information on the staff's analysis and is provided for your information.

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Hugh L. Thompson, Jr., Director  
Office of Nuclear Material Safety  
and Safeguards

Enclosure:  
As stated  
9/25/87 Mr. to  
Thompson from  
Browning

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WM Record File	WM Project <u>10</u>
<u>101</u>	Docket No. _____
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