

see 'ket 1 for encl.
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555

WM DOCKET CONTROL
CENTER

August 09, 1984

MEMO FOR: M. Knapp/W. Coleman MS 623 SS
FROM: F. Robert Cook
SUBJECT: HYDROLOGIC DATA

Attached are additional data pertinent to the deep piezometers in DC-1 and other deep holes at BWIP.

Note that the pressure/head measurements reported in ST-5 at the time of drilling would indicate a strong hydraulic potential for water movement to deep zones below the Umtanum flow. This would seem to go hand in hand with the unusual temperature profiles in DC-1 I sent to you before.

Also review the data from RSH-1 attached. It indicates almost a ~~1500~~ 1500 ft head difference in the zones ~~the~~ the Umtanum from RSH-1 to DC-1.

F. R. Cook

8409200365 840809
PDR WASTE
WM-10 PDR

attachments: as

BWI ST-5 (pages)
ltr from LaSala (USGS) 7/16/83
LaSala / Doty (USGS), Rpt 1971 (Basalt Hyd)
LaSala / Doty / Pearson (USGS) Jan 1973
(Basalt Hyd).