WM DOCKET CONTROL CENTER

'84 DEC 18 A8:19

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LETTER OF TRANSMITTAL

Date 12/10/84 Job No. W-4269-3

To: High Level Nuclear Waste Management Office WDOE. Mailstop PV-11 Olympia, WA 98504

Attention Bill Brewer

Re: WDOE Structural Studies Columbia Plateau EQs

Gentlemen:

We are sending the following items: ☑ Attached ☐ Under separate cover via

☐ Report ☐ Proposal ☐ Drawings ☐ Samples ☐ Specifications

☐ Copy of ☐

Copies	Date	No.	Description
			W.W. EQ. Epicenter Map Explanation
			WM Record File 101.2 — WM Project 10
			Docket No.
			PDR ✓
			LPDR ✓
			Distribution: WESTBROOK, KENNEDY, WRIGHT
			(Return to WM, 623-SS)

These are transmitted:

☐ For your retention ☐ For your use ☐ As requested

☐ For review and comment ☐ For action specified below ☐ With corrections

☐ Please return by ☐ ☐ Prints returned after use by us

Remarks:

Bill Sorry for the delay. I wanted to check these eq epicenter magnitude breaks with Malone & he was out of town. — He's also not sure what breaks he used though their computer has 8 possible symbol sizes which equally divide the range of EQs selected. Since he didn't recall the range (-2 → 5, 0 → 8, or what?) we had to plot many eqs to back into these breaks. They are close, if not perfect, now

8501110263 841210
PDR WASTE
WM-10 PDR

Copies to

By

☐ Invoice File ☐ Correspondence File

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W-4269-30

UW EARTHQUAKE EPICENTER MAP

EXPLANATION

EQ DEPTH < 6 km

≈ Symbol DIAMETER	Symbol	EQ MAGNITUDE
1.2 mm		0 – .75
3 mm		> .75 – 1.5
4.2 mm		> 1.5 – 2.25
6 mm		> 2.25 – 3.0
7 mm		> 3.0 – 3.75
8.5 mm		> 3.75 – 4.5

EQ DEPTH ≥ 6 km

≈ Symbol DIAMETER	Symbol	EQ MAGNITUDE
1.2 mm		0 – .75
3 mm		> .75 – 1.5
4.2 mm		> 1.5 – 2.25
6 mm		> 2.25 – 3.0
7 mm		> 3.0 – 3.75
8.5 mm		> 3.75 – 4.5