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May 31, 1985

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Genevieve Atwood Utah Geological and Mineral Survey 606 Black Hawk Way Salt Lake City, UT 84108

John Linehan Repository Projects Branch Nuclear Regulatory Commission Washington, DC 20555

Ladies and Gentlemen:

Enclosed please find some comments that suppliment those made in my 1985 National Park Service report on the Davis and Lavender canyon sites based on a recent field trip I took to the sites. Salient findings included in the enclosed are:

- 1. a shallow aquifer comprised of Cenozoic deposits contains fresh water over both the Davis and Lavender canyon sites that is a potentially important local source of water,
- 2. two hills of rubble between Davis and Lavender canyons should be examined as possible breccia pipes although they presently appear to landslide deposits, and
- 3. a well developed, open set of joints parallels the axis of the Gibsom Dome anticline north of the sites that undoubtedly increases the permeabilities within the Permian Cutler section.

I found nothing during this site visit that alters findings reported previously to you.

Sincered ours. Peter Huntoon

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