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August 20, 2003, Amended 9/17/04

S. Bravo Systems, Inc.
2929 Vail Avenue
Commerce, CA 90040

**RE: STATE REGISTERED PROFESSIONAL ENGINEER APPROVAL
CCR Title 23 Division 3, Chapter 16, Section 2631(d)
CCR Title 23 Division 3, Chapter 16 Section 2636(h) Secondary Containment
Design, Construction and Installation & Section 2637 Secondary Containment
Testing.**

**BRAVO DOUBLE WALL UNDER DISPENSER CONTAINMENT WITH
DOUBLE WALL PENETRATION FITTINGS, MODELS B-4000-B-AB, B-
5000-D-AB, B-8000-BD-AB & B-9000-D-AB.**

I have examined and reviewed the following items on the Bravo double wall under-dispenser containment with double wall penetration fittings:

1. Double wall under dispenser containment installation Guide and Maintenance Instructions for listed products.
2. Testing and Monitoring Instructions for the listed products.
3. Double wall containment dispenser illustrations.
4. Illustrations and drawings of B-17-D and B-33-D Flexible Double Penetration Fittings that interconnect with the interstitial space of the double wall dispenser containment and are tested with the interstitial space of the dispenser sump.
5. A section removed from a double wall dispenser containment for inspection of the construction and for determination of the volume of the interstitial space.
6. Bravo standard Dispenser Containment water testing instructions dated 9/27/01. This is an alternate for non-double wall dispenser containment.
7. Material Data Sheet for interstitial fluid used for continuous monitoring of the Bravo UDS interstitial space.
8. The sensor for monitoring the interstitial space is furnished by others.
9. Chemical compatibility data for Dion ISO 6631
10. Chemical compatibility for Derakane 411
11. **UL letter with test record dated 9/12/04 on annulus proof pressure/vacuum test.**

Upon review the materials and construction it is my opinion and conclusion that sound engineering design and engineering of these products provide an in-place system that will provide the required secondary containment and **allow** continuous **vacuum** or hydrostatic monitoring of the containment interstitial space including the sump penetration fittings.

James H. Ray
James H. Ray
Sr. Civil Engineer

