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May 25, 2004, Amended 9/17/04

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

**RE: STATE REGISTERD PROFESSIONAL ENGINEER APPROVAL
CCR Title 23 Division 3, Chapter 16, Section 263(h) Secondary Containment
CCR Title 23, Division 3, Chapter 16, Section 2637**

**BRAVO DOUBLE WALL UNDERGROUND TANK SUMP WITH DOUBLE WALL
PENTRATION FITTINGS, MODEL SERIES B-400 D-AB**

I have examined and reviewed the following items on the Bravo double wall tank sumps with double wall penetration fittings:

1. Installation Guide Instructions for Double-Wall Containment Sump
2. National Technical Systems Test Report No. 377-2663, Revision B, 9/11/03.
3. Double wall tank sump drawings for eight of the Model B-400 D-AB series.
4. Method of attachment to and monitoring of the double wall mounting collar provided on the tank by the tank manufacturer.
5. Illustration of Bravo UniFitting Model B-32-D and B-33-D Semi-Rigid Double Wall Penetration Fittings that interconnect with the interstitial space of the double wall tank sump and are tested with the interstitial space of the tank sump.
6. A sample wall section removed from a double wall Bravo UDC unit.
7. Material Data Sheet for interstitial fluid used for continuous monitoring of the interstitial space of the tank sump.
8. Chemical compatibility for Dion ISO 6631
9. Veeder-Root Interstitial Part #794380-304
10. **UL letter with test record dated 9/12/04 on annulus proof pressure/vacuum test.**

Established 1966

Upon review of 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 provided secondary containment for the product piping within the sump and allow for continuous **vacuum** or hydrostatic monitoring of the containment interstitial space including the sump penetration fittings.

James H. Ray
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