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To: K. Davis / M. Smith – NAVSEA EHS **From:** David O. Anderson, PhD, CIH, CSP, QEP

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Phone: (202) 781-2273 **Date:** April 12, 2002

Re: Building 197 (Prelim. Clearance Report 3) **CC:**

AESI re-visited Building 197, 5th Floor, Containment #4, on April 10, 2002 for visual inspections and collection of samples following additional abatement. The samples were sent via Fed Ex to the same outside, Certified lab used previously, with "Rush" analysis requested. The sample results have been received. *Stachybotrys* was again identified in the air samples collected.

A total of ten (10) samples were collected – nine air samples and one swab. As before, containment was an issue, as several holes, gaps, and failures were observed and photographed. Visible mold was also still present on sheetrock.

Outside, the air sample revealed 1,013 Counts per Cubic Meter – 86 % *Cladosporium*, 4 % each of *Amerospores*, *Ascospores*, *Aspergillus-Penicillium*, and 3 % Smuts.

On the 5th Floor, three samples were collected outside the Containment. The highest sample was found West of the Containment at 307 Counts – 43 % *Aspergillus-Penicillium*, 35 % *Amerospores*, and 22 % *Ascospores*. The second highest was found by 5W3142 at 120 Counts – 78 % *Amerospores* and 22 % *Aspergillus-Penicillium*. The third sample, by 5W3212 revealed 40 Counts – 67 % *Amerospores* and 33 % Smuts.

Inside the Containment five samples were collected.

The highest was collected on the North side of the Containment, above the ceiling grid inside the plenum at 227 Counts – 76 % *Aspergillus-Penicillium*, 12 % *Stachybotrys*, and 6 % each *Amerospores* and Smuts.

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The second highest sample was collected by the Column inside the Containment at 187 Counts – 71 % Amerospores, 21 % *Stachybotrys*, and 7 % Ascospores.

Third highest was collected inside the containment on the North end at 120 Counts – all Amerospores. Next highest sample was collected above the ceiling tile grid where the containment had fallen at 53 Counts – all Amerospores.

The lowest sample inside the Containment above the ceiling tile grid and 5W3180 at 40 Counts – all Amerospores.

Visual inspection revealed a stain on the sheetrock above the ceiling tile grid at the end of the containment; a swab was placed on an extension pole and placed on the stain; the sample results revealed 480 Counts of mold spores – all Smuts.

Due to the presence of airborne *Stachybotrys* – inside the Containment and above the Containment in the return air plenum, plus visible mold, the clearance is unsuccessful and additional remediation – further removal of sheetrock, HEPA vacuuming inside the Containment and all return air plenum spaces and re-application of a more aggressive biocide appears necessary.