



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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May 22, 2001

Mr. Jim Hunsicker
Director, Environmental Protection Department
Department of the Navy, Crane Division
Naval Surface Warfare Center
300 HWY 361
Crane, Indiana 47522-5000

Dear Mr. Hunsicker:

Re: Approval of Revised Modified Closure Plan
ABG Surface Impoundments
Crane Surface Warfare Center
Crane, Indiana
IN5170023498

The Indiana Department of Environmental Management (IDEM) has received the document entitled, *Revised Modified Closure Plan (ABG Surface Impoundments)*, dated February 2001. The *Revised Modified Closure Plan* has been reviewed for technical adequacy and approved with the enclosed modifications.

In accordance with 40 CFR 264.113(b), applicable closure activities must be completed within one-hundred eighty (180) days after the date of this approval letter. When closure is completed, the owner or operator must submit to the Commissioner certification in accordance with 40 CFR 270.11(d) and 40 CFR 264.115, both by the owner or operator and by an independent registered professional engineer, that the facility has been closed in accordance with the specifications in the approved closure plan. The response must indicate the facility's desired future status. Mail three (3) copies of your response and certification to:

Mr. Victor P. Windle, Chief
Hazardous Waste Permit Section
Permits Branch
Office of Land Quality
Department of Environmental Management
100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015

If you have any questions regarding this matter, please call (800) 451-6027, press 0, and ask for Mr. Jeff Workman at extension 2-3221, or call 317/232-3221.

Sincerely,


Victor P. Windle, Chief
Hazardous Waste Permit Section
Permits Branch
Office of Land Quality

enclosure

Revised Modified Closure Plan
Modifications
ABG Surface Impoundments
Crane Surface Warfare Center
Crane, Indiana
IN5170023498

The February 2001 *Revised Modified Closure Plan* (ABG Surface Impoundments) has been approved with the following modifications:

III. Description Of Waste Unit To Be Closed

1. This section has been modified to state that a release of hazardous constituents from the units has entered the ground water.
2. This section has been modified to replace all references to "clean closure" for Surface Impoundments 1, 2 and 3 with references to the closure performance standard (40 CFR 264.111).

Previous hydrogeological investigations have identified other sources of releases of hazardous constituents to the ground water from the facility. Consequently, a commingling of releases to the ground water has occurred. This makes it impossible to determine whether the facility has remediated all contaminated ground water that is solely attributed to the surface impoundments at the ABG. Therefore, the surface impoundments at the ABG cannot be considered "clean closed".