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Date Monday, July 14, 2003
To SPCC Plan
From Timm C. Comer
Subject Update to Include Ammonium Hydroxide and Anhydrous Ammonia

Update to Section 1.0 [Page 1, and Paragraph 4]

...hazardous substances that have been listed pursuant to the Clean Water Act...
to include:

Ammonium Hydroxide-19% (39% Ammonia)

Ammonia (anhydrous): Delivery Only, No Product Stored on Site. Product will be transferred to water tank to form ammonium hydroxide solution.

Update to Table 1 Reportable Quantities [Page 2]

Ammonium Hydroxide has a RQ of 1000 lbs.

Ammonia (anhydrous) has a RQ of 100 lbs.

Update to Table 7 in Section 4.3.1.1 [Page 28]

Ammonium Hydroxide storage tank has a capacity of 30,000 gallons.

Update to Section 4.3.1.2 [Page 29 New Paragraphs 11& 12]

Bulk Ammonium Hydroxide - Ammonium Hydroxide will be delivered to the VLF in bulk and the transporter will park on contained VLF while the bulk material is transferred to one- 30,000 gallon storage tank. A release from the storage tank or bulk transport vehicle during off-loading of the product would remain contained on the VLF liner.

Bulk Ammonia (anhydrous) - Ammonia (anhydrous) will be delivered to the VLF in bulk and the transporter will park on contained VLF while the bulk material is transferred through a water tank to form ammonium hydroxide to one- 30,000 gallon storage tank. A release from the bulk transport vehicle during off-loading of the product would remain contained on the VLF liner.

Update to Appendix B (MSDSs)

MSDS for Ammonium Hydroxide.

MSDS for Ammonia (anhydrous).

Update to Appendix C (Tank Inventory-Page 5)

Within Tank Inventory Section for "Adsorption Desorption Recovery Plant Processing Chemicals" to include:

ADRP-18: An above ground Steel Tank with 30,000 gallons capacity for Ammonium Hydroxide. This tank is contained upon the VLF liner system near the VLF Phase I HVSCS.

Update to Appendix E

Ammonium Hydroxide, CAS Number 1336-21-6, has a reportable Quantity of 1000 pounds.

Ammonia (anhydrous), CAS Number 7664-41-7 has a reportable Quantity of 100 pounds.

Update to Appendix G (Monthly Tank Inspection-Page 5)

Within Monthly Tank Inspection Section for "Adsorption Desorption Recovery Plant Processing Chemicals" to include:

ADRP-18: An above ground Steel Tank with 30,000 gallons capacity for Ammonium Hydroxide. This tank is contained upon the VLF liner system.

Update to Figure 6 (ADR Facility)

ADRP-18 Above ground Steel Tank, 30,000 gallons for Ammonium Hydroxide. This tank is located on the western portion of the figure on the VLF.

