PLAINTIFF'S EXHIBIT UC-1213

TEXAS AIR CONTROL BOARD (TACB)

REPORT FORM FOR NOTIFICATION REQUIREMENTS FOR MAJOR UPSET (RULE 7), PLANNED MAINTENANCE (RULE 8), START-UP OR SHUTDOWN

MSSL Account No. _____ Region VII (This line for State use only)

Company Name UNION CARBIDE CORPORATION, CHEMICALS AND PLASTICS DIVISION

Plant Location TEXAS CITY, TEXAS

Mailing Address P. O. BOX 471 or 3301 - 5th Avenue South City Texas City State Texas Zip 77590

Owner, Operator or Responsible Management Damon L. Engle, Plant Manager

Telephone Number (713) 945-7411 Ext. 422/548

Nature of Unit or Process Affected (and Other Processes Affected, if any) Ethyleneamines Process, Bldg. 51

Inclusive Dates if for Shutdown and Start-up N/A

Time and Expected Duration of Excessive Emissions 10/12/79 1430 - 1530 Hours

Reason or Cause: Maintenance ☐ Major Upset ☒ Test ☐

Explanation While reaction was in operation tubes failed in the ammonia stripping still tails - reaction feed heat exchanger. The resultant still upset plus the bypassing at the heat exchanger caused an unknown amount of material containing 30-35Wt % ammonia to go to the evaporator feed tank. Excess ammonia in this stream vaporized and was released to the air through the emergency vent on the tank. The vent is approximately 25' above grade.

Level of Emissions (give basis for estimate): Physical and Chemical Composition, Rate, Concentration, and Duration It has not been possible to develop an accurate estimate of the amount or composition of the release from the emergency vent. Based on vapor pressure and poorly documented tank level changes, the ammonia loss probably was less than 2,000 pounds. The composition may have been about 30% ammonia with the balance being water and a small

UCTC 21228