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McCLUSKEY FARM

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9/17/94

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION IV

IN THE MATTER OF:

McCluskey Farm Drum Site
2357 Luke Edwards Road
Dacula, Gwinnett County,
Georgia

E.I. duPont de Nemours and
Company,

Respondent.

ADMINISTRATIVE ORDER ON
CONSENT FOR REMOVAL ACTION

U.S. EPA Region IV

CERCLA Docket No. 94-11-C

Proceeding Under Sections 104,
106(a), 107 and 122 of the
Comprehensive Environmental
Response, Compensation, and
Liability Act, as amended, 42
U.S.C. §§ 9604, 9606(a), 9607
and 9622

I. JURISDICTION AND GENERAL PROVISIONS

This Administrative Order on Consent ("Order") is entered into voluntarily by the United States Environmental Protection Agency ("EPA" and/or the "Agency") and E.I. duPont de Nemours and Company ("duPont" and/or "Respondent"). This Order provides for the performance of the removal action by Respondent and the reimbursement of response costs incurred by the United States in connection with the property located at or nearby 2375 Luke Edwards Road in Dacula, Gwinnett County, Georgia (the "McCluskey Farm Drum Site" or the "Site"). This Order requires Respondent to conduct the removal action described herein to abate an imminent and substantial endangerment to the public health, welfare or the environment that may be presented by the actual or threatened release of hazardous substances, pollutants, or contaminants at or from the Site.

This Order is issued pursuant to the authority vested in the President of the United States by Sections 104, 106(a), 107, and 122 of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, 42 U.S.C. §§ 9604, 9606(a), 9607, and 9622, as amended ("CERCLA"), and delegated to the Administrator of EPA by Executive Order No. 12580, January 23, 1987, 52 Federal Register 2923, and further delegated to the EPA Regional Administrators by EPA Delegation Nos. 14-14-A , 14-14-C and

14-14-D and to the Director, Waste Management Division by EPA Region IV Delegation No. 8-14-13.

EPA has notified the State of Georgia of this action pursuant to Section 106(a) of CERCLA, 42 U.S.C. § 9606(a).

Respondent's participation in this Order shall not constitute or be construed as an admission of liability or of EPA's findings or determinations contained in this Order except in a proceeding to enforce the terms of this Order. Respondent agrees to comply with and be bound by the terms of this Order. Respondent further agrees that it will not contest the basis or validity of this Order or its terms.

II. PARTIES BOUND

This Order applies to and is binding upon EPA, and upon Respondent and Respondent's successors and assigns. Any change in ownership or corporate status of Respondent including, but not limited to, any transfer of assets or real or personal property shall not alter Respondent's responsibilities under this Order. Compliance or noncompliance by Respondent, or another person, with any provision of this Order shall not excuse or justify noncompliance by Respondent or such other person.

Respondent shall ensure that its contractors, subcontractors, and representatives receive a copy of this Order and comply with this Order. Respondent shall be responsible for any noncompliance with this Order.

III. DEFINITIONS

"CERCLA" shall mean the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. §§ 9601 et seq.

"Day" shall mean a calendar day unless expressly stated to be a working day. "Working day" shall mean a day other than a Saturday, Sunday, or Federal holiday. In computing any period of time under this Order, where the last day would fall on a Saturday, Sunday, or Federal holiday, the period shall run until the close of business of the next working day.

"EPA" shall mean the United States Environmental Protection Agency and any successor departments or agencies of the United States.

"National Contingency Plan" or "NCP" shall mean the National Oil and Hazardous Substances Pollution Contingency Plan promulgated pursuant to Section 105 of CERCLA, 42 U.S.C. § 9605, codified at 40 C.F.R. Part 300, including, but not limited to, any amendments thereto.

"On-Site" shall mean the areal extent of contamination and all suitable areas in very close proximity to the contamination necessary for implementation of the response action.

"Paragraph" shall mean a portion of this Order identified by an arabic numeral or an upper case letter.

"RCRA" shall mean the Solid Waste Disposal Act, as amended, 42 U.S.C. §§ 6901 et seq. (also known as the "Resource Conservation and Recovery Act").

"Section" shall mean a portion of this Order identified by a Roman numeral.

"Site" shall mean the McCluskey Farm site, encompassing at least three (3) acres, located at 2375 Luke Edwards Road in Dacula, Gwinnett County, Georgia. Notwithstanding this depiction of property or Site boundaries, for purposes of this Order the Site shall also include the areal extent of contamination by hazardous substances.

"United States" shall mean the United States of America and any of its agencies or departments.

"Waste Material" shall mean (1) any "hazardous substance" under Section 101(14) of CERCLA, 42 U.S.C. § 9601(14); (2) any pollutant or contaminant under Section 101(33), 42 U.S.C. § 9601(33); and (3) any "solid waste" under Section 1004(27) of RCRA, 42 U.S.C. § 6903(27).

"Work" shall mean all activities that Respondent is required to perform under this Order, except for record retention.

IV. FINDINGS OF FACT

For the purposes of this Order, EPA finds that:

- A. The Site consists of about three (3) acres of a one hundred forty seven (147) acre farm owned by Lucinda McCluskey in Dacula, Gwinnett County, Georgia.
- B. From about 1961 to about 1964, a duPont paint facility located in Tucker, Georgia, disposed of an unknown number of drums of paint waste and used paint drums at the Site with the consent and/or acquiescence of the owner of the Site.
- C. In about 1980 duPont undertook a clean-up at the Site under the auspices of the State of Georgia. Although

some waste was transported to Emelle, Alabama, the clean-up also consisted of burying on-Site an unknown number of drums, drum carcasses, paint waste, and debris.

- D. Soil samples collected in an August, 1992 site investigation revealed elevated levels of volatile organic contamination. The most notable of these compounds were toluene, xylene, and styrene.
- E. In March, 1993, EPA undertook an exploratory trench excavation at the Site. The excavation unearthed solidified paint, portions of 55-gallon steel drums and paint cans, and stained and contaminated soil and debris.
- F. Soils on-Site are currently contaminated with toluene, xylene, styrene, and ethylbenzene; all of which are hazardous substances under CERCLA Section 101(14), 42 U.S.C. § 9601(14), and listed at 40 C.F.R. 302.4. The buried drum carcasses, paint waste, and debris are the source of the on-Site contamination.
- G. The quantity of the buried drums/debris and volume of contaminated soil at the Site is not currently fully known.
- H. There is a private potable well located within approximately 100 yards of the area of known soil contamination and buried drums.

V. CONCLUSIONS OF LAW AND DETERMINATIONS

Based on the Findings of Fact set forth above, and the Administrative Record supporting this removal action, EPA has determined that:

1. The McCluskey Farm Site is a "facility" as defined by Section 101(9) of CERCLA, 42 U.S.C. § 9601(9).
2. The contaminants found at the Site, as identified in the Findings of Fact above, include "hazardous substance(s)" as defined by Section 101(14) of CERCLA, 42 U.S.C. § 9601(14).
3. Respondent is a "person" as defined by Section 101(21) of CERCLA, 42 U.S.C. § 9601(21).
4. Respondent may be liable under Section 107(a) of CERCLA, 42 U.S.C. § 9607(a). Respondent arranged for disposal or treatment,

or arranged with a transporter for transport for disposal or treatment, of hazardous substances at the Site, within the meaning of Section 107(a)(3) of CERCLA, 42 U.S.C. § 9607(a)(3).

5. The conditions described in the Findings of Fact above constitute an actual or threatened "release" of a hazardous substance from the Site as defined by Sections 101(22) of CERCLA, 42 U.S.C. § 9601(22).

6. The conditions present at the Site constitute an imminent and substantial endangerment to public health, welfare, or the environment. Factors that may be considered are set forth in Section 300.415(b)(2) of the National Oil and Hazardous Substances Pollution Contingency Plan, as amended, 40 CFR Part 300 ("NCP").

These factors include, but are not limited to, the following:

a. actual or potential exposure to nearby human populations, animals, or the food chain from hazardous substances or pollutants or contaminants; this factor is present at the Site due to the existence in the soil of hazardous substances originating in buried drum carcasses, paint waste, and debris and other containers of hazardous substances;

b. actual or potential contamination of drinking water supplies or sensitive ecosystems; this factor is present at the Site due to the potential for hazardous substances to leach into the groundwater from buried drum carcasses, paint waste, and debris and contaminated soil; and/or

c. hazardous substances or pollutants or contaminants in drums, barrels, tanks, or other bulk storage containers, that may pose a threat of release; this factor is present at the Site due to the existence of the below-ground disposal of drum carcasses, paint waste, and debris containing hazardous substances.

7. The actual or threatened release of hazardous substances at or from the Site may present an imminent and substantial endangerment to the public health, welfare, or the environment within the meaning of Section 106(a) of CERCLA, 42 U.S.C. § 9606(a).

8. The removal actions required by this Order are necessary to protect the public health, welfare, or the environment, and are not inconsistent with the NCP or CERCLA.

VI. ORDER

Based upon the foregoing Findings of Fact, Conclusions of Law and Determinations, and the Administrative Record for this Site, it is hereby ordered and agreed that Respondent shall comply with the

following provisions, including but not limited to all attachments to this Order, and all documents incorporated by reference into this Order, and perform the following actions:

1. Designation of Contractor, Project Coordinator, and On-Scene Coordinator

Respondent shall perform the removal action required by this Order itself or retain a contractor to perform the removal action. Respondent shall notify EPA of Respondent's qualifications or the name and qualifications of such contractor within ten (10) business days of the effective date of this Order. Respondent shall also notify EPA of the names and qualifications of any other contractors or subcontractors retained to perform the removal action under this Order at least fourteen (14) days prior to commencement of such removal action. EPA retains the right to disapprove of any, or all, of the contractors and/or subcontractors retained by Respondent, or of Respondent's choice of itself to do the removal action. If EPA disapproves of a selected contractor or Respondent, Respondent shall retain a different contractor or notify EPA that it will perform the removal action itself within ten (10) business days following EPA's disapproval and shall notify EPA of that contractor's name or Respondent and qualifications within ten (10) business days of EPA's disapproval.

Within seven (7) days after the effective date of this Order, Respondent shall designate a Project Coordinator who shall be responsible for administration of all of Respondent's actions required by the Order. Respondent shall submit the designated coordinator's name, address, telephone number, and qualifications to EPA. To the greatest extent possible, the Project Coordinator shall be present on Site or readily available during Site work. EPA retains the right to disapprove of any Project Coordinator named by Respondent. If EPA disapproves of a selected Project Coordinator, Respondent shall retain a different Project Coordinator and shall notify EPA of that person's name, address, telephone number, and qualifications within seven (7) business days following EPA's disapproval. Receipt by Respondent's Project Coordinator of any notice or communication from EPA relating to this Order shall constitute receipt by Respondent.

EPA has designated De'Lyntoneus Moore of the EPA, Region IV Emergency Response and Removal Branch as its On-Scene Coordinator ("OSC"). Respondent shall direct all submissions required by this Order to the OSC at 345 Courtland St., NE, Atlanta, Georgia 30365. EPA and Respondent shall have the right, subject to the immediately preceding paragraph, to change its designated OSC or Project Coordinator, respectively. Respondent shall notify EPA seven (7) business days before such a change is made. The initial

notification may be orally made but it shall be promptly followed by a written notice.

2. Work to Be Performed

Respondent shall perform, at a minimum, the following removal action(s):

A. Nature and Extent of Soil Contamination

Complete all Site investigation activities necessary to determine the full nature and extent of soil contamination throughout the Site. This investigation shall be set out in the Work Plan as submitted pursuant to Paragraph 2.1 of this Section, and shall cover, at a minimum, all areas of the Site presently identified as contaminated by the release of hazardous substances into the environment. Respondent shall determine the extent of contamination through a Site-specific soil sampling survey, previous Site-specific investigation(s), and/or existing Site-specific documents. For purposes of this Order:

1. "Soil contamination" and/or "contaminated soil" shall be defined as soil in which total volatiles exceed 50 mg/kg, and/or metal contamination exceeds the Toxicity Characteristic Leaching limits for the eight (8) RCRA metals published in Table 1 at 40 CFR § 261.20 et seq (SubPart C).
2. "Total volatiles" shall be defined as the arithmetic sum of the volatile and semi-volatile analytes as determined by U.S. EPA Methods 8240 and 8250, SW-846, 3d Edition.

B. Cleanup

Arrange for and undertake the ultimate disposal and/or treatment of debris and contaminated soil from the Site. A plan for this disposal and/or treatment shall be set out in an addendum to the Work Plan no later than thirty (30) days after Respondent receives analytical soil sampling results deemed sufficient by EPA to establish the extent of soil contamination.

C. Notice of Removal Activities

A minimum of seven (7) days prior to the initial removal of debris or contaminated soil from the Site, Respondent shall give written notice to EPA of the removal. Such notice shall concern all phases of the intended disposal

including the name(s) and address(es) of the Treatment/Storage/Disposal Facility(ies) to which the debris or contaminated soils are to be transported.

D. Confirmatory Sampling

Post-excavation sampling and analysis at the Site shall be conducted by Respondent to assure that all debris and contaminated soil have been removed from the Site. If any debris or contaminated soil remains on-Site, Respondent shall continue excavation until all debris and contaminated soil are removed, unless Site hydrogeology precludes any further excavation or until levels of contaminated soil are less than or equal to background-level soil conditions as approved by EPA.

E. Security

Respondent shall secure the contaminated areas in such a manner as to adequately prevent access by unauthorized persons.

F. Handling Decontamination Operations

Respondent shall provide for and adequately undertake the collection, treatment, and/or disposal of all on-Site contaminated water and sludge, including washes, rinses, rinsate, and contaminated sediment generated as a result of decontamination operations.

G. Decontamination of Equipment

Respondent shall provide for and adequately undertake the decontamination of all vehicles/equipment used in the excavation and/or transportation of debris and contaminated soil before departure from the Site.

H. Dust Suppression

Respondent shall provide for and adequately undertake a dust suppression method to insure that no contaminated media/dust particles migrate from the Site.

I. Miscellaneous

In consideration of the advanced age of the Site occupant, Respondent shall, to the extent practicable, coordinate the removal activities with the occupant, or the occupant's representatives, to develop a schedule and pattern of removal activities that will least impact the occupant's health and welfare.

2.1 Work Plan and Implementation

Within thirty (30) days after the effective date of this Order, Respondent shall submit to EPA for approval a draft Work Plan for performing the removal actions set forth above. The draft Work Plan shall provide a description of, and an expeditious schedule for, the actions required by this Order.

EPA may approve, disapprove, require revisions to, or modify the draft Work Plan. If EPA requires revisions, Respondent shall submit a revised draft Work Plan within ten (10) days of receipt of EPA's notification of the required revisions. Respondent shall implement the Work Plan as finally approved in writing by EPA in accordance with the schedule approved by EPA. Once approved, or approved with modifications, the Work Plan, the schedule, and any subsequent modifications shall be fully enforceable under this Order. Respondent shall notify EPA at least 72 hours prior to performing any on-Site work pursuant to the EPA-approved Work Plan. Respondent shall not commence or undertake any removal action on-Site without prior EPA approval.

2.2 Health and Safety Plan

Within thirty (30) days after the effective date of this Order, Respondent shall submit for EPA review and comment a plan that ensures the protection of the public health and safety during performance of on-Site work under this Order. This plan shall be prepared in accordance with EPA's current Standard Operating Safety Guide, dated November 1984, currently updated July 1988; Respondent's plan shall be prepared in accordance with the latest version if different. In addition, the plan shall comply with all current applicable Occupational Safety and Health Administration (OSHA) regulations found at 29 CFR Part 1910. Respondent shall incorporate all changes to the plan recommended by EPA, and implement the plan during the pendency of the removal action.

2.3 Quality Assurance and Sampling

All sampling and analyses performed pursuant to this Order shall conform to EPA direction, approval, and guidance regarding sampling, quality assurance/quality control (QA/QC), data validation, and chain of custody procedures. Respondent shall ensure that the laboratory used to perform the analyses participates in a QA/QC program that complies with the appropriate EPA guidance. Respondent shall follow the following documents, as appropriate, as guidance for QA/QC and sampling: "Quality Assurance/Quality Control Guidance for Removal Activities:

Sampling QA/QC Plan and Data Validation Procedures," OSWER Directive Number 9360.4-01, dated January 1, 1990; "Compendium of ERT Procedures," OSWER Directives Numbered 9360.4-04 through 9360.4-08; and representative Sampling Guidance for soil, air, ecology, waste, and water as this information becomes finalized and available.

Upon request by EPA, Respondent shall have such a laboratory analyze samples submitted by EPA for quality-assurance monitoring. Respondent shall provide to EPA the quality assurance/quality control procedures followed by all sampling teams and laboratories performing data collection and/or analysis.

Upon request by EPA, Respondent shall allow EPA or its authorized representatives to take split and/or duplicate samples of any samples collected by Respondent while performing work under this Order. Respondent shall notify EPA not less than three (3) days in advance of any sample collection activity. EPA shall have the right to take any additional samples that it deems necessary.

2.4 Post-Removal Site Control

In accordance with the Work Plan schedule, or as otherwise directed by EPA, Respondent shall submit a proposal for post-removal Site control consistent with Section 300.415(k) of the NCP and OSWER Directive 9360.2-02. Upon EPA approval, Respondent shall implement such controls and shall provide EPA with documentation of all post-removal Site control arrangements.

2.5 Reporting

Respondent shall submit a written progress report to EPA concerning actions undertaken pursuant to this Order every fourteenth (14th) day after the date of receipt of EPA's approval of the Work Plan until termination of this Order, unless otherwise directed by the OSC. These reports shall describe all significant developments during the preceding period, including the actions performed and any problems encountered, analytical data received during the reporting period, and the developments anticipated during the next reporting period, including a schedule of actions to be performed, anticipated problems, and planned resolutions of past or anticipated problems.

If Respondent owns any portion of the Site it shall, at least thirty (30) days prior to the conveyance of any interest in real property at the Site, give written notice to the transferee that the property is subject to this Order and written notice to EPA of the proposed conveyance, including the name and address of the transferee. Where pertinent, Respondent agrees to require that a successor comply with the immediately preceding sentence and Paragraph Three (Access to Property and Information).

2.6 Final Report

Within forty-five (45) days after completion of all removal actions required under this Order, Respondent shall submit for EPA review and approval a final report summarizing the actions taken to comply with this Order. The final report shall conform, at a minimum, with the requirements set forth in Section 300.165 of the NCP entitled "OSC Reports." The final report shall include a good faith estimate of total costs or a statement of actual costs incurred in complying with the Order, a listing of quantities and types of materials removed off-Site or handled on-Site, a discussion of removal and disposal options considered for those materials, a listing of the ultimate destination of those materials, a presentation of the analytical results of all sampling and analyses performed, and accompanying appendices containing all relevant documentation generated during the removal action (e.g., manifests, invoices, bills, contracts, and permits). The final report shall also include the following certification signed by a person who supervised or directed the preparation of that report:

Under penalty of law, I certify that to the best of my knowledge, after appropriate inquiries of all relevant persons involved in the preparation of the report, the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

3. Access to Property and Information

Respondent shall provide, and/or obtain access to the Site and off-Site areas to which access is necessary to implement this Order, and provide access to all records and documentation related to the conditions at the Site and the actions conducted pursuant to this Order. Such access shall be provided to EPA employees, contractors, agents, consultants, designees, representatives, and State of Georgia representatives. Such access provided and/or obtained by Respondent shall permit these individuals to move freely on-Site and at appropriate off-Site areas in order to conduct actions which EPA determines to be necessary. Respondent shall submit to EPA, upon receipt, the results of all sampling or tests and all other data generated by Respondent or its contractors, or on Respondent's behalf during implementation of this Order.

Where action under this Order is to be performed in areas owned by or in possession of someone other than Respondent, Respondent shall use its best efforts to obtain all necessary access agreements within thirty (30) days after the effective date of this Order, or as otherwise specified in writing by the OSC.

Respondent shall immediately notify EPA if after using its best efforts it is unable to obtain such agreements. Respondent shall describe in writing its effort(s) to obtain access. EPA may then assist Respondents in gaining access, to the extent necessary to effectuate the response actions described herein, using such means as EPA deems appropriate. Respondent shall reimburse EPA for all costs and attorneys' fees incurred by the United States in obtaining such access.

4. Record Retention, Documentation, Availability of Information

Respondent shall preserve all documents and information relating to work performed under this Order, or relating to the hazardous substances found on or released from the Site, for ten years following completion of the removal actions required by this Order. At the end of this ten year-period and 30 days before any document or information is destroyed, Respondent shall notify EPA that such documents and information are available to EPA for inspection, and upon request, shall provide the originals or copies of such documents and information to EPA. In addition, Respondent shall provide documents and information retained under this section at any time before expiration of the ten year period at the written request of EPA.

Respondent may assert a business confidentiality claim pursuant to 40 CFR § 2.203(b) with respect to part or all of any information submitted to EPA pursuant to this Order, provided such claim is allowed by Section 104(e)(7) of CERCLA, 42 U.S.C. § 9604(e)(7). Analytical and other data specified in Section 104(e)(7)(F) of CERCLA shall not be claimed as confidential by Respondent. EPA shall disclose information covered by a business confidentiality claim only to the extent permitted by, and by means of the procedures set forth at, 40 CFR Part 2, Subpart B. If no such claim accompanies the information when it is received by EPA, EPA may make it available to the public without further notice to Respondent.

5. Off-Site Shipments

All hazardous substances, pollutants, or contaminants removed off-Site pursuant to this Order for treatment, storage, or disposal shall be treated, stored, or disposed of at a facility in compliance, as determined by EPA, pursuant to Section 121(d)(3) of CERCLA, 42 U.S.C. § 9621(d)(3), and the Revised Off-Site Policy, (50 Fed. Reg. 49200 (September 22, 1993)). EPA will provide information on the acceptability of a facility under Section 121(d)(3) of CERCLA and the above regulation. Unless impracticable, prior notification of out-of-state waste shipments should be given consistent with OSWER Directive 9330.2-07.

6. Compliance With Other Laws

Respondent shall perform all actions required pursuant to this Order in accordance with all applicable local, state, and federal laws and regulations except as provided in CERCLA Section 121(e) and 40 CFR Section 300.415(i). In accordance with 40 CFR Section 300.415(i), all on-Site actions required pursuant to this Order shall, as determined by EPA, attain applicable or relevant and appropriate requirements ("ARARs") under federal environmental or state environmental or facility siting laws. See "The Superfund Removal Procedures: Guidance on the Consideration of ARARs During Removal Actions," OSWER Directive No. 9360.3-02, August 1991.

7. Emergency Response and Notification of Releases

If any incident, or change in Site conditions, during the actions conducted pursuant to this Order causes or threatens to cause an additional release of hazardous substances from the Site or an endangerment to the public health, welfare, or the environment, Respondent shall immediately take all appropriate action. Respondent shall take these actions in accordance with all applicable provisions of this Order, including, but not limited to the Health and Safety Plan, in order to prevent, abate or minimize such release or endangerment caused or threatened by the release. Respondent shall also immediately notify the OSC at 404/347-3931, or, in the event of his/her unavailability, shall notify the Regional Duty Officer of the Emergency Response and Removal Branch at 404/347-3931, and the EPA Regional Emergency 24-hour telephone number 404/347-4062 concerning the incident or Site conditions. If Respondent fails to respond, EPA may respond to the release or endangerment and reserve the right to pursue cost recovery.

In addition, in the event of any release of a hazardous substance from the Site, Respondent shall immediately notify EPA's Regional spill phone number at 404/347-4062 and the National Response Center at telephone number 800/424-8802. Respondent shall submit a written report to EPA within seven (7) days after each release, setting forth the events that occurred and the measures taken or to be taken to mitigate any release or endangerment caused or threatened by the release and to prevent the reoccurrence of such a release. This reporting requirement is in addition to, not in lieu of, reporting under CERCLA Section 103(c) and Section 304 of the Emergency Planning and Community Right-To-Know Act of 1986, 42 U.S.C. §§ 11001 et seq.

VII. AUTHORITY OF THE EPA ON-SCENE COORDINATOR

The OSC shall be responsible for overseeing Respondent's implementation of this Order. The OSC shall have the authority vested in an OSC by the NCP, including the authority to halt,

conduct, or direct any work required by this Order, or to direct any other removal action undertaken at the Site. Absence of the OSC from the Site shall not be cause for stoppage of work unless specifically directed by the OSC.

VIII. REIMBURSEMENT OF COSTS

Within thirty (30) days after the effective date of this Section VIII of the Order as provided for in Section XXII, Respondent shall pay Eight Thousand Seven Hundred Twenty Nine and 01/100 Dollars (\$8,729.01) in the manner detailed below, for reimbursement of past response costs paid by the United States. Past response costs are all costs, including, but not limited to, direct and indirect costs and interest, that the United States, its employees, agents, contractors, consultants, and other authorized representatives incurred and paid with regard to the Site prior to August 1, 1993, with the exception of costs not yet accounted for in EPA's Financial Management System. In addition, Respondent shall reimburse EPA for all future response costs, not inconsistent with the NCP, incurred by the United States.

Future response costs are all costs, including, but not limited to, direct and indirect costs, that the United States incurs in reviewing or developing plans, reports and other items pursuant to this Order, verifying the Work, or otherwise implementing, overseeing, or enforcing this Order. Future response costs shall also include all costs, including direct and indirect costs, incurred by the United States in connection with the Site between August 1, 1993, and the effective date of this Order and costs incurred prior to August 1, 1993, that were not accounted for in EPA's Financial Management System, and all interest on those costs, and all interest on the Past Response Costs from August 1, 1993, to the date of payment of the Past Response Costs.

On a periodic basis, EPA shall submit to Respondent a bill for future response costs that includes a Regional cost summary. Respondent shall, within forty five (45) days of receipt of the bill, remit a cashier's or certified check for the amount of the bill made payable to the "Hazardous Substance Superfund," to the following address:

U.S. Environmental Protection Agency
Region IV
Superfund Accounting
P.O. Box 100142
Atlanta, Georgia 30384

Respondent shall simultaneously transmit a copy of the check to Ms. Caroline McCall, U.S. EPA Region IV, Waste Management Branch, 345 Courtland Street, N.E., Atlanta, Georgia. Payments shall be designated as "Response Costs - McCluskey Farm Site" and shall

reference the payor's name and address, the EPA site identification number "ZB," and the docket number of this Order.

In the event that the payment for past response costs is not made within 30 days of the effective date of this Order or the payments for future response costs are not made within forty five (45) days of Respondent's receipt of the bill, Respondent shall pay interest on the unpaid balance. Interest is established at the rate specified in Section 107(a) of CERCLA. The interest to be paid for Respondent's failure to make timely payments on past response costs shall begin to accrue on the effective date of the Order. The interest for Respondent's failure to make timely payments on future response costs shall begin to accrue on the date of Respondent's receipt of the bill. Interest shall accrue at the rate specified through the date of the payment. Payments of interest made under this paragraph shall be in addition to such other remedies or sanctions available to the United States by virtue of Respondent's failure to make timely payments under this Section.

Respondent may dispute all or part of a bill for Future Response Costs submitted under this Order, if Respondent alleges that EPA has made an accounting error, or if Respondent alleges that a cost item is inconsistent with the NCP. Upon reasonable request, Respondent may inspect available pertinent supporting cost documentation. Respondent's obligations to make timely payment as established in this Order, however, shall not be subject to the availability of such supporting documentation.

If any dispute over costs is resolved before payment is due, the amount due will be adjusted as necessary. If the dispute is not resolved before payment is due, Respondent shall pay the full amount of the uncontested costs into the Hazardous Substance Fund as specified above on or before the due date. Within the same time period, Respondent shall pay the full amount of the contested costs into an interest-bearing escrow account. Respondent shall simultaneously transmit a copy of both checks to the OSC. Respondent shall ensure that the prevailing party or parties in the dispute shall receive the amount upon which they prevailed from the escrow funds plus interest within thirty (30) days after the dispute is resolved.

IX. DISPUTE RESOLUTION

The parties to this Order shall first attempt to resolve, expeditiously and informally, any disagreements concerning this Order.

If Respondent objects to any EPA action taken pursuant to this Order, including billings for future response costs, Respondent

shall notify EPA in writing of its objection within seven (7) days of receipt of notice of such action, unless the objection has been informally resolved. EPA and Respondent shall within five (5) days from EPA's receipt of Respondent's written objections attempt to resolve the dispute through formal negotiations (the "Negotiation Period"). The Negotiation Period may be extended at the sole discretion of EPA. EPA's decision regarding an extension of the Negotiation Period shall not constitute an EPA action subject to dispute resolution or a final agency action giving rise to judicial review.

Any agreement reached by the parties pursuant to this section shall be in writing, signed by both parties, and shall upon the signature by both parties be incorporated into and become an enforceable element of this Order. If the parties are unable to reach an agreement within the Negotiation Period, an EPA management official at the Division Director level or higher will issue a written decision on the dispute to Respondent. The decision of EPA shall be incorporated into and become an enforceable element of this Order upon Respondent's receipt of the EPA decision regarding the dispute. Respondent's obligations under this Order shall not be tolled by submission of any objection for dispute resolution under this section.

Following resolution of the dispute, as provided by this section, Respondent shall fulfill the requirement that was the subject of the dispute in accordance with the agreement reached or with EPA's decision, whichever occurs. No EPA decision made pursuant to this section shall constitute a final agency action giving rise to judicial review prior to a judicial action brought by the United States to enforce the decision.

X. FORCE MAJEURE

Respondent agrees to perform all requirements under this Order within the time limits established under this Order, unless the performance is delayed by a force majeure. For purposes of this Order, a force majeure is defined as any event arising from causes beyond the control of Respondent or of any entity controlled by Respondent, including but not limited to its contractors and subcontractors, that delays or prevents performance of any obligation under this Order despite Respondent's best efforts to fulfill the obligation. Force majeure does not include financial inability to complete the work or increased cost of performance.

Respondent shall notify EPA orally within three (3) hours, and in writing within seven (7) days, after Respondent becomes or should have become aware of events which constitute a force majeure. Such notice shall: identify the event causing the delay or anticipated delay; estimate the anticipated length of delay,

including necessary demobilization and re-mobilization; state the measures taken or to be taken to minimize the delay; and estimate the timetable for implementation of the measures. Respondents shall take all reasonable measures to avoid and minimize the delay. Failure to comply with the notice provision of this section shall waive any claim of force majeure by Respondent.

If EPA determines a delay in performance of a requirement under this Order is or was attributable to a force majeure, the time period for performance of that requirement shall be extended as deemed necessary by EPA. Such an extension shall not alter Respondent's obligation to perform or complete other tasks required by the Order which are not directly affected by the force majeure.

XI. STIPULATED AND STATUTORY PENALTIES

A. For each day, or portion thereof, that Respondent fails to perform fully, any requirement of this Order in accordance with the schedule set forth hereunder, Respondent shall be liable as follows:

1. to timely submit the Work Plan, Sampling and Analysis Plan, Health and Safety Plan as required under this Consent Order;
2. to timely submit any modifications requested by EPA or to the Work Plan, Sampling and Analysis Plan, Health and Safety Plan as required under this Consent Order;
3. to provide notification of Off-Site Disposal as provided in this Consent Order; and
4. to timely submit the Final Report as provided in this Consent Order;

for stipulated penalties in the following amounts:

<u>Period of Failure to Comply</u>	<u>Penalty Per Violation Per Day</u>
1st through 14th day	\$ 500
15th through 44th day	\$ 1,000
45th day and beyond	\$ 2,000

B. If Respondent fails to submit a biweekly progress report by its due date, Respondent shall be liable to EPA for stipulated penalties in the amount of \$250 per violation for each day during which Respondent fails to submit or modify a biweekly report.

C. Respondent shall be liable to EPA for stipulated penalties in the amount of \$400 per violation for each day during which Respondent fails to comply with all other requirements of this Consent Order including, but not limited to, any implementation schedule, payment requirement, notification requirement or completion deadline.

D. Upon receipt of written demand by EPA for a stipulated penalty, Respondent shall make payment to EPA within forty five (45) days. Interest shall accrue on late payments as of the date the payment is due, which is the date of the violation or act of non-compliance triggering the stipulated penalties. The check and transmitted letter shall identify the name of the Site, the Site identification number and the title of this Order. A copy of the transmittal letter should be sent simultaneously to the EPA Project Coordinator.

Payment shall be made to:

U. S. Environmental Protection Agency
Region IV
Superfund Accounting
P. O. Box 100142
Atlanta, Georgia 30384
ATTENTION: Collection Officer for Superfund

Even if violations are simultaneous, separate penalties shall accrue for separate violations of this Order. Penalties accrue and are assessed per violation per day. Penalties shall accrue regardless of whether EPA has notified Respondent of a violation or act of noncompliance. The payment of penalties shall not alter in any way Respondent's obligation(s) to complete the performance of the work required under this Order.

E. Violation of any provision of this Order may subject Respondent to civil penalties of up to twenty-five thousand dollars (\$25,000) per violation per day, as provided in Section 106(b)(1) of CERCLA, 42 U.S.C. § 9606(b)(1). Respondent may also be subject to punitive damages in an amount up to three times the amount of any cost incurred by the United States as a result of such violation, as provided in Section 107(c)(3) of CERCLA, 42 U.S.C. § 9607(c)(3). Should Respondent violate this Order or any portion hereof, EPA may carry out the required actions unilaterally, pursuant to Section 104 of CERCLA, 42 U.S.C. § 9604, and/or may seek judicial enforcement of this Order pursuant to Section 106 of CERCLA, 42 U.S.C. § 9606.

XII. RESERVATION OF RIGHTS

Except as specifically provided in this Order, nothing herein shall limit the power and authority of EPA or the United States to take, direct, or order all actions necessary to protect public health, welfare, or the environment or to prevent, abate, or minimize an actual or threatened release of hazardous substances, pollutants or contaminants, or hazardous or solid waste on, at, or from the Site. Further, nothing herein shall prevent EPA from seeking legal or equitable relief to enforce the terms of this Order, from taking other legal or equitable action as it deems appropriate and necessary, or from requiring Respondent in the future to perform additional activities pursuant to CERCLA or any other applicable law. EPA reserves the right to bring an action against Respondent under Section 107 of CERCLA, 42 U.S.C. § 9607, for recovery of any response costs incurred by the United States related to this Order or the Site and not reimbursed by Respondent. Respondent acknowledges and understands that only a Natural Resource Trustee has the authority to waive a claim for natural resource damage.

XIII. OTHER CLAIMS

By issuance of this Order, the United States and EPA assume no liability for injuries or damages to persons or property resulting from any acts or omissions of Respondent. Neither the United States nor EPA shall be deemed a party to any contract entered into by Respondent or its directors, officers, employees, agents, successors, representatives, assigns, contractors, or consultants in carrying out actions pursuant to this Order.

Except as expressly provided in Section XIV - Covenant Not To Sue, nothing in this Order constitutes a satisfaction of or release from any claim or cause of action against Respondent or any person not a party to this Order, for any liability such person may have under CERCLA, other statutes, or the common law, including but not limited to any claims of the United States for costs, damages and interest under Sections 106(a) and 107(a) of CERCLA, 42 U.S.C. §§ 9606(a) and 9607(a).

This Order does not constitute a preauthorization of funds under Section 111(a)(2) of CERCLA, 42 U.S.C. § 9611(a)(2). Respondent waives any claim to payment under Sections 106(b), 111, and 112 of CERCLA, 42 U.S.C. §§ 9606(b), 9611, and 9612, against the United States or the Hazardous Substance Superfund arising out of any action performed under this Order.

No action or decision by EPA pursuant to this Order shall give rise to any right to judicial review except as set forth in Section 113(h) of CERCLA, 42 U.S.C. § 9613(h).

XIV. COVENANT NOT TO SUE

Except as otherwise specifically provided in this Order, upon issuance of the EPA notice referred to in Section XXI - Notice of Completion, EPA covenants not to sue Respondent for judicial imposition of damages or civil penalties or to take administrative action against Respondent for any failure to perform removal actions agreed to in this Order except as otherwise reserved herein.

Except as otherwise specifically provided in this Order, in consideration of Respondent's payment of the response costs specified in Section VIII of this Order, EPA covenants not to sue or to take administrative action against Respondent under Section 107(a) of CERCLA for recovery of past and future response costs incurred by the United States in connection with this removal action or this Order. This covenant not to sue shall take effect upon the receipt by EPA of the payments required by Section VIII - Reimbursement of Costs.

These covenants not to sue are conditioned upon the complete and satisfactory performance by Respondent of its obligations under this Order. These covenants not to sue extend only to the Respondent and do not extend to any other person.

XV. CONTRIBUTION PROTECTION

With regard to claims for contribution against Respondent for matters addressed in this Order, the Parties hereto agree that the Respondent is entitled to protection from contribution actions or claims to the extent provided by Sections 113(f)(2) and 122(h)(4) of CERCLA, 42 U.S.C. §§ 9613(f)(2) and 9622(h)(4). Nothing in this Order precludes the United States or Respondent from asserting any claims, causes of action or demands against any persons not parties to this Order for indemnification, contribution, or cost recovery.

XVI. INDEMNIFICATION

Respondent agrees to indemnify, save and hold harmless the United States, its officials, agents, contractors, subcontractors, employees and representatives from any and all claims or causes of action: (A) arising from, or on account of, acts or omissions of Respondent, Respondent's officers, directors, employees, agents, contractors, subcontractors, receivers, trustees, successors or assigns, in carrying out actions pursuant to this Order; and (B) for damages or reimbursement arising from or on account of any contract, agreement, or arrangement between Respondent, and any

persons for performance of work on or relating to the Site, including claims on account of construction delays.

In addition, Respondent agrees to pay the United States all costs incurred by the United States, including litigation costs arising from or on account of claims made against the United States based on any of the acts or omissions referred to in the preceding paragraph.

Respondent waives all claims against the United States for damages or reimbursement or for set-off of any payments made or to be made to the United States, arising from or on account of any contract, agreement, or arrangement between Respondent and any person for performance of Work on or relating to the Site, including, but not limited to, claims on account of construction delays.

XVII. INSURANCE

At least seven (7) days prior to commencing any on-Site work under this Order, Respondent shall secure, and shall maintain for the duration of this Order, comprehensive general liability insurance and automobile insurance with limits of One Million Dollars (\$1,000,000), combined single limit. Within the same time period, Respondent shall provide EPA with certificates of such insurance and a copy of each insurance policy. If Respondent demonstrates by evidence satisfactory to EPA that any contractor or subcontractor maintains insurance equivalent to that described above, or insurance covering some or all of the same risks but in an equal or lesser amount, then Respondent need provide only that portion of the insurance described above which is not maintained by such contractor or subcontractor.

XVIII. FINANCIAL ASSURANCE

Within thirty (30) days after the effective date of this Order and every twelve (12) months thereafter until notice of completion of work under Section XXI, Respondent shall demonstrate to EPA that it meets one of the financial assurance mechanisms specified in 40 CFR Section 264.143 for the sufficient estimated costs of work to be performed by Respondent under this Order.

XIX. MODIFICATIONS

Modifications to any plan or schedule or Statement of Work may be made in writing by the OSC or at the OSC's oral direction. If the OSC makes an oral modification, it will be memorialized in writing by Respondent within fourteen (14) days; provided, however, that the effective date of the modification shall be the date of the

OSC's oral direction. Any other requirements of the Order may be modified in writing by mutual agreement of the parties.

If Respondent seeks permission to deviate from any approved Work Plan or schedule or Statement of Work, Respondent's Project Coordinator shall submit a written request to EPA for approval outlining the proposed Work Plan modification and its basis.

No informal advice, guidance, suggestion, or comment by EPA regarding reports, plans, specifications, schedules, or any other writing submitted by Respondent shall relieve Respondent of its obligation(s) to obtain such formal approval as may be required by this Order, and to comply with all requirements of this Order unless it is formally modified.

XX. ADDITIONAL REMOVAL ACTION

If EPA determines that additional removal actions not included in an approved plan are necessary to protect public health, welfare, or the environment, EPA will notify Respondent of that determination. Unless otherwise stated by EPA, within thirty (30) days of receipt of notice from EPA that additional removal actions are necessary to protect public health, welfare, or the environment, Respondent shall submit for approval by EPA a Work Plan for the additional removal actions. The plan shall conform to the applicable requirements of Section VI of this Order. Upon EPA's approval of the plan pursuant to Section VI, Paragraph 2.1 (Work Plan and Implementation), Respondent shall implement the plan for additional removal actions in accordance with the provisions and schedule contained therein. This section does not alter or diminish the OSC's authority to make oral modifications to any plan or schedule pursuant to Section XIX (Modifications).

XXI. NOTICE OF COMPLETION

When EPA determines, after EPA's review of the Final Report, that all removal actions have been fully performed in accordance with this Order, with the exception of any continuing obligations required by this Order, including operation and maintenance and scheduled groundwater monitoring (if any), EPA will provide notice to Respondent. If EPA determines that any removal actions have not been completed in accordance with this Order, EPA will notify Respondent, provide a list of the deficiencies, and require that Respondent modify the Work Plan if appropriate in order to correct such deficiencies. Respondent shall implement the modified and approved Work Plan and shall submit a modified Final Report in accordance with the EPA notice. Failure by Respondent to implement the approved modified Work Plan shall be a violation of this Order.

XXII. PUBLIC COMMENT

Final acceptance by EPA of Section VIII (Reimbursement of Costs) of this Order shall be subject to Section 122(i) of CERCLA, 42 U.S.C. Section 9622(i), which requires EPA to publish notice of the proposed settlement in the Federal Register, to provide persons who are not parties to the proposed settlement an opportunity to comment, solely, on the cost recovery component of the settlement, and to consider comments filed in determining whether to consent to the proposed settlement. After consideration of any comments submitted during the 30 day public comment period held pursuant to Section 122(i) of CERCLA, EPA may withhold consent to all or part of Section VIII of this Order if comments received disclose facts or considerations which indicate that Section VIII of this Order is inappropriate, improper, or inadequate. Otherwise, Section VIII shall become effective when EPA issues notice to Respondent that the former is not withdrawing from this section of the Order.

XXIII. SEVERABILITY

If a court issues an order that invalidates any provision of this Order or finds that Respondent has sufficient cause not to comply with one or more provisions of this Order, Respondent shall remain bound to comply with all provisions of this Order not invalidated or determined to be subject to a sufficient cause defense by the court's order.

XXIV. EFFECTIVE DATE

This Order shall be effective upon being signed by the Director, Waste Management Division, Region IV, U.S. Environmental Protection Agency.

In the Matter of the McCluskey Farm Drum Site,

it is so ORDERED and Agreed this 17TH day of FEBRUARY, 1994.

BY:

Michael A. Green, Deputy

DATE:

17 FEB 94

Joseph R. Franzmathes
Director,
Waste Management Division
Region IV
U.S. Environmental Protection Agency

EFFECTIVE DATE _____

The undersigned representative of **Respondent** certifies that (s)he is fully authorized to enter into the terms and conditions of this Order **In the Matter of the McCluskey Farm Drum Site**, and to bind the party (s)he represents to this document.

AGREED this Ninth day of February, 1994

RESPONDENT: E. I. duPont de Nemours and Company
NAME OF RESPONDENT
(Please Type)

Respondent's
Address 1007 Market Street
(Please Wilmington, Delaware 19898
Type)

BY: *John D. Chidley* *JWC*
(YOUR SIGNATURE)

John D. Chidley
Please Type Your Name

Business Program Manager
Corporate Remediation Group
Please Type Your Title

Please Type Your Address & Phone
E. I. duPont de Nemours & Company, Inc.
P.O. Box 27001
Richmond, VA
23261
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