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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET
ATLANTA, GEORGIA 30365

NOV 03 1987

4WD-SFB

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mrs. Nan Kollar, President
Allied Tool and Machine Co., Inc.
P.O. Box 706
Kernersville, North Carolina 27284

Re: Superior Electro Finishing
115 East Polo Road
Winston Salem, North Carolina

Dear Mrs. Kollar:

Please find attached an Administrative Order requiring you to perform certain actions at the above referenced site. This Order is issued pursuant to Section 106 of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), 42 U.S.C § 9606, as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), P. L. 99-499. Failure to respond to this Order within five (5) calendar days will constitute a violation of the attached Order and the Environmental Protection Agency (EPA) will commence to undertake whatever action is necessary to protect the public health, welfare, and the environment.

If you have any questions, please contact Mr. Bill Klütz at 404/347-3931 or Ms. Sally Mozley at 404/347-2641.

Sincerely yours.

Lee A. DeHihns, III
for Lee A. DeHihns, III
Acting Regional Administrator

cc: Ms. Lee Crosby
North Carolina Department of Human Resources

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

In the Matter of)
Superior Electro Finishing)
Winston Salem, N.C.)
Mrs. Nan Kollar, President)
Allied Tool and Machine Co., Inc.)
Kernersville, NC 27284)

Docket No. 88-03-C

ORDER

The following Order is issued on this date to Mrs. Nan Kollar, President, Allied Tool and Machine Co., Inc., 115 Corum Street, P.O. Box 706, Kernersville, North Carolina, pursuant to Section 106(a) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) 42 U.S.C. § 9606(a), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), P.L. 99-499, by authority delegated to the undersigned by the Administrator of the United States Environmental Protection Agency (EPA). Notice of the issuance of this Order has heretofore been given to the State of North Carolina.

There is an imminent and substantial endangerment to the public health and welfare and the environment due to a release or the threat of a release of a hazardous substance as defined in §101(14) of CERCLA (42 U.S.C. § 9601 (14)), from the following location:

Superior Electro Finishing
115 East Polo Rd.
Winston Salem, N.C. 27105

This order directs you to undertake action to protect the public and the environment from this endangerment.

FINDINGS OF FACT

1. Mrs. Nan Kollar, Respondent, is now President and owner of Allied Tool and Machine Co., Inc., which owns and operates Superior Electro Finishing of Winston Salem, North Carolina.

2. From 1970 to 1981, Superior Electro Finishing operated an electroplating facility to plate various products with chromium, copper, nickel, zinc, and silver.
3. On or about the 17th day of August, 1987, EPA representatives conducted an inspection at the site and observed the following conditions.
 - A. Superior Electro Finishing is a closed metal plating facility. Since closing, the vats and containers holding highly acidic or basic solutions and chemicals have corroded. The corrosion and general deteriorating conditions have allowed many vats and containers to leak resulting in the release of electroplating solutions. The floor of the facility has extensive areas covered with dried electroplating sludge. In the storage area, there are numerous corroded containers leaking their chemical contents into the ground floor. Behind the facility are two electroplating vats, one containing dried electroplating salts, the other leaking electroplating solution.
 - B. At the time of inspection, sixteen (16) samples were obtained. The samples consisted of four (4) vat composites, seven (7) samples from drums and other containers, four (4) samples of soil and/or sludge, and one (1) soil background sample.

4. Analyses of the samples confirm the presence of the following hazardous substances in the concentrations set forth:

Substance	Level	Sampling Point
Cadmium	1,350 ppm	Soil Composite
Chromium	75,000 ppm	Vats 3,4, and 7
Copper	92,000 ppm	Soil/Sludge Inside Bldg.
Nickel	57,000 ppm	Exterior Vats
Zinc	23,700 ppm	Vats 1,5, and 6
Cyanide(s)	180 ppm	Exterior Vat

These substances are "hazardous substances" as defined in Section 101(14) of CERCLA, and are subject to the terms and provisions of that Act.

5. Electroplating wastes have listed hazardous waste designation numbers F007, F008 and F009 under 40 C.F.R. § 261.31(1986).

6. The hazardous substances described above are disposed of at the facility in such manner that they threaten to be and have been released and discharged from the facility into the soil, surface water, and other parts of the environment.
7. Superior Electro Finishing is located in downtown Winston Salem, North Carolina. The site is bordered by various light manufacturing and service businesses. Due to the absence of a fence surrounding the property, the facility poses a substantial threat to the general public by direct contact. Exposure to electroplating solutions and/or fumes of a corrosive nature will cause burning and tissue damage to skin, eyes, and the respiratory tract. The presence of cyanides in combination with corrosives poses the threat of release of cyanide gas which is immediately dangerous to life and health. Soil sampling indicates that a release of hazardous substances has already occurred. Soil and surface water contamination pose a substantial threat to the public by surface runoff or leaching into groundwaters.

CONCLUSIONS OF LAW

1. The site is a facility within the meaning of Section 101(9) of CERCLA, 42 U.S.C. § 9601(9).
2. Mrs. Nan Kollar is the owner/operator within the meaning of Section 101(20) of CERCLA, 42, U.S.C. § 9601(20).
3. Cadmium, Chromium, Copper, Nickel, Zinc, and Cyanide(s) are hazardous substances within the meaning of Section 101(14) of CERCLA, 42 U.S.C. § 9601(14). Electroplating wastes are designated Resource Conservation and Recovery Act hazardous waste numbers F007, F008, and F009.
4. The hazardous substances described above are stored in such a manner that there is both an actual release and threatened release of hazardous substances into the environment within the meaning of Sections 101(22) and 106(a) of CERCLA, 42 U.S.C. §§ 9601(22) and 9606(a).

DETERMINATIONS BY REGIONAL ADMINISTRATOR

Based on the Foregoing Findings of Fact and Conclusions of Law, and the entire record of this proceeding, the Regional Administrator has determined that:

1. The release and threat of release of hazardous substances from the facility may present an imminent and substantial endangerment to the public health or welfare or the environment;
2. In order to protect public health or welfare or the environment, it is necessary that action be taken to mitigate the release and threat of release of hazardous substances from the facility into the environment; and
3. The actions required in this Order are consistent with the National Contingency Plan 40 C.F.R. Part 300.65.

ORDER

Based upon the foregoing determinations and findings of fact, the Respondent is hereby ordered and directed to undertake the following activities pursuant to Section 106(a) of CERCLA, 42 U.S.C. § 9606:

1. Secure the Superior Electro Finishing facility to reduce the threat of direct contact by the public.
2. Develop a sampling and analysis plan to determine the areal extent of contamination including the drainage system.
3. Treat and/or dispose of the following at a federally approved waste facility:
 - A. All contaminated soil and sludges;
 - B. All drums and containers which contain or have contained hazardous substances;
 - C. All vats which contain or have contained electroplating chemicals and/or solutions and their residuals;
 - D. All laboratory chemicals and substances.
4. If hazardous substances are detected in the drainage system, it is to be decontaminated and/or removed. All hazardous substances and/or contaminated material is to be treated and/or disposed of at a federally approved hazardous waste facility.

5. Provide adequate verification and documentation that all hazardous substances are removed, treated, and/or disposed of at federally approved facilities.
6. Comply with all federal, state, and local laws applicable to any action above.
7. Take actions that are necessary to protect the public health, welfare, and the environment. The Respondent shall report to the On-Scene coordinator prior to taking any such action.
8. Develop a site safety plan subject to approval by EPA.
9. Begin on-site activity within twenty (20) days for items 1 and 8 after the effective date of this Order.
10. Begin on-site removal within ten (10) days after approval of the site safety plan.
11. Complete all activity within ninety (90) days of initiation.

NOTIFICATION OF INTENTION

Respondent must notify EPA in writing within five (5) days after receipt of this Order whether Respondent intends to comply with the terms of this Order.

OPPORTUNITY FOR CONFERENCE

If Respondent wishes to confer with EPA to discuss this Order, its applicability to Respondent, or the correctness of any factual matters with respect to those actions required above or cleanup plans and scheduling, a request must be made in writing or by telephone with written follow-up within five (5) days after receipt of this Order. Respondent may appear in person or may be represented by an attorney or other representative at any conference held at Respondent's request. Any request for a conference should be made to:

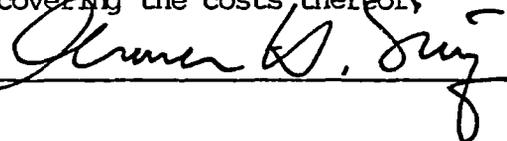
Mr. Bill Klütz
Waste Management Division
Superfund Branch
U.S. Environmental Protection Agency
345 Courtland St., N.E.
Region IV
Atlanta, GA 30365
404/347-3931

Ms. Sally Mozley
Assistant Regional Counsel
U.S. Environmental Protection Agency
345 Courtland St., N.E.
Region IV
Atlanta, GA 30365
404/347-2641

VIOLATIONS OF ORDER

Violation by the Respondent of this Order through failure to comply with any provision herein or otherwise shall be enforceable pursuant to Sections 106(b) and 113(b) of CERCLA, 42 U.S.C. §§ 9606(b) and 9613(b). Failure to comply may also subject Respondent to civil penalties of up to \$25,000 per day and/or punitive damages in an amount three times the costs incurred by the United States as a result of such failure, as provided in Section 106(b) and 107(c)(3) of CERCLA, 42 U.S.C. §§ 9606(b) and 9607(c)(3). Nothing herein shall preclude EPA from taking such other actions as may be necessary to protect the public health and welfare or the environment and recovering the costs thereof.

By: _____



for Lee A. DeHihns, III
Acting Regional Administrator

Dated this _____ day of October, 1987.

August 13, 1987

TO: Lee Crosby

FROM: D. Mark Durway *DMD.*

RE: Sampling at Superior Electro Finishes by EPA on August 17-18

Sherman Woodson of Weston in Atlanta (tel. 404/352-4147) phoned this morning to say that he and Bill Klutz of EPA (tel. 404/347-3931) will be sampling at Superior Electro Finishes on August 17-18. This facility is located at 115 East Polo Road in Winston-Salem.

Woodson and Klutz will meet property owner Amos Pope on-site at 3:00 PM on August 17. Woodson and an assistant will enter the facility in Level B protective clothing to determine pH of on-site wastes. At 7:00 AM on August 18, the team will return to the facility to conduct sampling.

Superior Electro Finishes operated from 1970 until 1981. Tanks containing metal plating solutions, and drums containing corrosive materials, oxidizers, and possibly cyanides, remain inside and around the perimeter of the building. Site access is unrestricted, and there is evidence that this inner-city facility has been broken into on more than one occasion in the past several years.

cc: Doug Holyfield
Steve Phibbs