



LR-E05-0420

Certified Mail
Return Receipt Requested
Article Number: 7004 2510 0005 2135 9206

Bureau of Discharge Prevention
New Jersey Department of Environmental Protection
401 East State Street
PO Box 424
Trenton, New Jersey 08625-0424
Attention: Discharge Confirmation Report

**RE: PSEG Nuclear LLC - Salem Generating Station
NJDEP Case No. 05-08-08-1532-47
Discharge Confirmation Report**

Dear Sir/Madam:

In accordance with N.J.A.C. 7:1E-5.8, PSEG Nuclear LLC ("PSEG Nuclear") is submitting the enclosed discharge confirmation report. This report describes the suspected release of approximately one (1) pint of water-based paint during a sudden thunderstorm. The discharge was reported to the New Jersey Department of Environmental Protection (NJDEP) hotline and assigned case number 05-08-08-1532-47. This discharge was also reported to the Nuclear Regulatory Commission pursuant to that agency's requirements.

The enclosed report contains the information as known at the time of this report. In accordance with the regulations, additional information regarding this discharge will be provided as it becomes available.

If you have any questions regarding this information, please contact Mr. Clifton Gibson of my staff at (856) 339-2686.

Sincerely,

A handwritten signature in black ink that reads "Darin Benyak". The signature is fluid and cursive, with a long horizontal stroke at the end.

Darin Benyak
Director - Regulatory Assurance

Attachments (4)

Handwritten initials "IE25" in black ink, located in the bottom right corner of the page.

LR-E05-0420

cc: U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Jim Werner
Salem County Department of Health
98 Market Street
Salem, NJ 08079

DISCHARGE CONFIRMATION REPORT
SALEM GENERATING STATION
NJDEP Case No. 05-08-08-1532-47

1. Name, Address and Telephone Number of Individual Who Reported

Mr. Paul Abbott
Operations Superintendent
PSEG Nuclear LLC - Salem Generating Station
Hancocks Bridge Road
Lower Alloways Creek, New Jersey 08038
(856) 339-5200

2. Name, Address and Telephone Number of Person Submitting Report

Darin Benyak
Director - Regulatory Assurance
PSEG Nuclear LLC - Salem Generating Station
Hancocks Bridge Road
Lower Alloways Creek, New Jersey 08038
(856) 339-1740

3. Name, Address and Telephone Number of Owner/Operator of Facility Where Discharge Occurred

PSEG Nuclear LLC
Hancocks Bridge Road
Lower Alloways Creek, New Jersey 08038
(856) 339-5200

4. Source of Discharge, If Known

On August 8, 2005 at approximately 1517 hours, rain from a brief thunderstorm in Salem County washed some of the water-based paint that had been applied in the late afternoon/early morning from the wall of the Circulating Water Building at Salem onto the ground. Upon observing the paint being washed onto the ground, painters immediately worked to contain and collect the paint/water mixture. However, some of this paint/water mixture is believed to have reached the traveling screen debris return trough for the station's cooling water intake structure, which leads to the Delaware River.

5. **Location of Discharge**

Name: PSEG Nuclear LLC – Salem Generating Station

Street Address: Hancocks Bridge Road

Lot & Block: Lot: 4.01 Block: 26

Municipality: Lower Alloways Creek

County: Salem

Site Map: The location of the Circulating Water Building is identified on the Site Map in Attachment B.

6. **Common Name and CAS No. of Hazardous Substance Discharged**

The approximate volume of paint discharged was one (1) pint. Upon review of the manufacturer's Material Safety Data Sheet (MSDS) (See attachment D), there is only one DPCC Appendix A chemical listed. That chemical is Ethylene Glycol, CAS# 107-21-1. The MSDS lists the amount of Ethylene Glycol in the paint to be between one (1) and ten (10) percent. PSEG Nuclear therefore believes that the amount of Ethylene Glycol discharged is in the range of 0.16 to 1.6 ounces.

7. **Quantity of Hazardous Substances Discharged**

Unknown. The approximate volume of paint discharged was one (1) pint. The MSDS lists the amount of Ethylene Glycol in the paint to be between one (1) and ten (10) percent. PSEG Nuclear therefore believes that the amount of Ethylene Glycol discharged is in the range of 0.16 to 1.6 ounces.

8. **Date and Time Discharge Began, Was Discovered, Ended and Was Reported**

Case No.: 05-08-08-1532-47

Began: August 8, 2005 at approximately 1430 hours

Discovered: August 8, 2005 at approximately 1517 hours

Ended: August 8, 2005 at approximately 1517 hours

Reported: August 8, 2005 at approximately 1532 hours

9. **Detailed Description of Containment, Cleanup and Removal Measures, Summary of Costs Incurred**

After discovering that the water-based paint was being washed away by the rain, the painters took immediate action to contain the run-off. Absorbent was used to collect the paint/water mix on the paved area. Wet-vacuums were then used to collect the paint/water/absorbent mix after the storm had passed. The discharge was eliminated and all the paint was cleaned up from the ground by 1601 on August 8, 2005. There was no visible discoloration at the discharge of the traveling screen debris return trough. Based upon visual observation and the small amount of ethylene glycol, it is believed there was little to no threat to human health or the environment. A summary of final costs is not yet

available, but will be provided to the Department upon request as soon as it becomes available.

10. Corrective Actions – Preventative Measures

PSEG Nuclear held a meeting with the painting crew on August 9, 2005 to discuss the event and to discuss ways in which they could prevent reoccurrence in the future. PSEG Nuclear is also reviewing the planning of painting activities to reduce the possibility of paint being washed off by the rain. The painters will continue to keep absorbent at the worksite to deal with any potential discharges. Further steps to prevent reoccurrence will be identified, developed and implemented following completion of the investigation of the incident.

11. Name, Address and Telephone Number of Cleanup Entities

PSEG Nuclear LLC
Hancocks Bridge Road
Lower Alloways Creek, New Jersey 08038
(856) 339-5200

12. Description of Sample Date, Type, Quantity and Location

Given the small amount of water-based paint that washed off of the wall, the small amount of hazardous substances in that paint and the speed with which it was contained and removed, no samples were collected. Any material could be identified for removal by visual determinations because it is paint.

13. Certification of Financial Responsibility

A copy of the Certification of Financial Responsibilities is included as Attachment C.

14. Supplemental Information

Additional relevant information, if any will be provided to the Department if and when it is discovered.

15. Any Additional Information

Additional information will be provided upon request.

16. Certification

The Certification of Darin Benyak, Director - Regulatory Assurance, is included as Attachment A hereto.

ATTACHMENT A

PSEG Nuclear LLC –
Salem Generating Station
Confirmation Report Certification as per NJAC 7:1E-4.11(a)

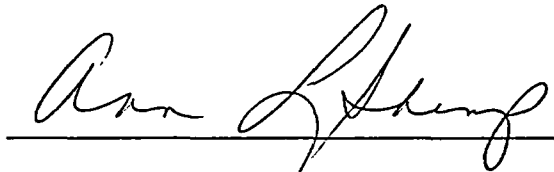
I, Darin Benyak, of full age, being duly sworn according to law, upon my oath depose and say:


1. I am the Director - Regulatory Assurance for Salem Generating Station;
2. I certify under penalty of law that the information provided in this document is, to the best of my knowledge, true, accurate and complete. I am aware that there are significant civil and criminal penalties, including the possibility of fines or imprisonment or both, for submitting false, inaccurate or incomplete information.



Darin Benyak
Director - Regulatory Assurance
Salem Generating Station

Sworn and subscribed before me
this 31 day of August 2005.



 Ann L. Shimp
Notary Public of New Jersey
My Commission Expires October 17, 2007

ATTACHMENT B

S 1000

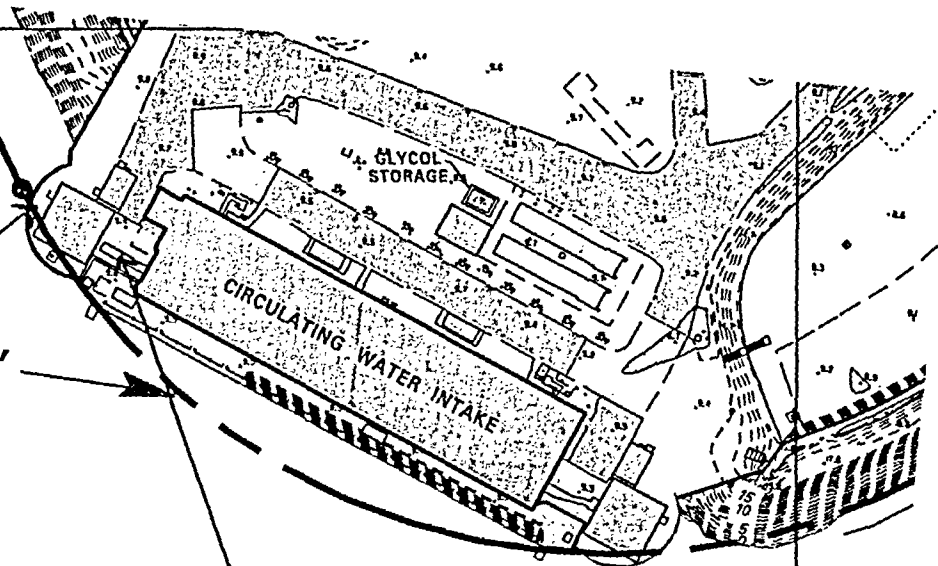
CH. = S82°26'19"W,
ARC. = 866.91'
RAD. = 350.00'

Location of
Discharge

W 500

North Circulating Water
Debris Return Trough

661.71'



ATTACHMENT C

AUG-23-2004 13:01

PSE&G DEC

973 802 1267 P.03/12

John G. Valeri, Jr.
Assistant General Environmental Counsel

Office of Environmental Counsel
80 Park Plaza, TC5, Newark, NJ 07102
tel: 973.430.5506 fax: 973.802.1267
email: John.ValeriJr@pseg.com

File



April 26, 2004

VIA FEDERAL EXPRESS

Bureau of Release Prevention
New Jersey Department of Environmental Protection
Station Plaza 4
22 South Clinton Avenue, 3rd Floor
CN 424
Trenton, New Jersey 08625

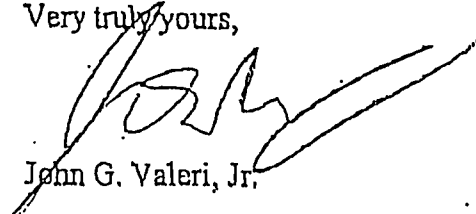
Re: Financial Responsibility Documents
PSEG Fossil LLC
PSEG Nuclear LLC

Ladies & Gentlemen:

Enclosed is an original and ten (10) copies of updated financial responsibility documents pursuant to N.J.A.C. 7:1E-4.4. The enclosed documents include the Chief Financial Officer's Letter and a Guarantee executed by the Vice President and General Counsel of PSEG Power LLC. Each specifies the eleven major facilities that are covered.

If you have any questions, please do not hesitate to contact me.

Very truly yours,


John G. Valeri, Jr.

JGV/jb
Enclosures

bcc: H. W. Borden, Esq. (w/attach)
C. T. Neely (w/attach)
J. P. Ryan (w/attach)
M. G. Cullen (w/attach)
J. H. Peach (w/attach)
B. S. Petrovski (w/attach)
M. D. Schwartzkopf (w/attach)
J. M. Eggers (w/attach)
T. M. Syed (w/attach)

Thomas M. O'Flynn
Executive Vice President
and Chief Financial Officer

Public Service Enterprise Group Incorporated
80 Park Plaza, 4th Fl., Newark, NJ 07102-
tel: 973.430.5662 fax: 973.621.2150



LETTER FROM EXECUTIVE VICE PRESIDENT AND CHIEF FINANCIAL OFFICER

I am the Executive Vice President and Chief Financial Officer of PSEG Power LLC, 80 Park Plaza, P.O. Box 1171, Newark, New Jersey 07101-1171. This letter is in support of the use "of the financial test of self-insurance" and/or "guarantee" to demonstrate financial responsibility for cleanup and removal activities arising from operating:

Bergen Generating Station
Victoria Terrace
Ridgefield, New Jersey 07657;

Hudson Generating Station
Duffield & Van Keuren Avenues
Jersey City, New Jersey 07306;

Kearny Generating Station
Foot of Hackensack Avenue
Kearny, New Jersey 07032;

Essex Generating Station
155 Raymond Boulevard
Newark, New Jersey 07105;

Linden Generating Station
Grasselli Area of Wood Avenue South
Linden, New Jersey 07036;

Sewaren Generating Station
751 Cliff Road
Sewaren, New Jersey 07077-1439;

Edison Generating Station
164 Silver Lake Avenue
Edison, New Jersey 08817;

Mercer Generating Station
Lamberton Road
Trenton, New Jersey 08611;

Burlington Generating Station
W. Broad Street & Devlin Avenue
Burlington, New Jersey 08016;

Salem Generating Station
Foot of Buttonwood Road
P.O. Box 236
Hancocks Bridge, New Jersey 08038; and

Hope Creek Generating Station
Foot of Buttonwood Road
P.O. Box 236
Hancocks Bridge, New Jersey 08038

in the amount of at least One Million Dollars (\$1,000,000) per occurrence per facility, and Two Million Dollars (\$2,000,000) annual aggregate per facility.

A "financial test" is also used by this "owner or operator" to demonstrate evidence of financial responsibility in the following amounts under the following EPA or State rules or regulations (i.e., RCRA, ECRA, UST, etc.):

N/A

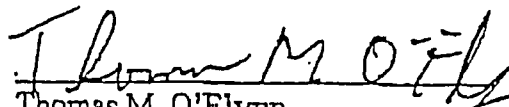
This "owner or operator" has not received an adverse opinion, a disclaimer of opinion, or a going concern qualification from an independent auditor on his or her financial statements for the latest completed fiscal year.

ALTERNATIVE I

	(Millions)
1. Amount of annual DCR aggregate coverage being assured by a financial test and/or guarantee	\$ <u>22</u>
2. Amount of annual aggregate coverage for all other Federal or State regulatory costs (i.e. RCRA, ECRA, UST, etc.) covered by a financial test, and/or guarantee	\$ <u>0</u>
3. Sum of lines 1 and 2	\$ <u>22</u>
4. Total tangible assets	\$ <u>7,620</u>
5. Total liabilities [if any of the amount reported on line 3 is included in total liabilities, you may deduct that amount from this line and add that amount to line 6]	\$ <u>5,123</u>
6. Tangible net worth [subtract line 5 from line 4]	\$ <u>2,497</u>

- | | YES | NO |
|--|---------------|---------------|
| 7. Is line 6 at least \$10 million? | <u>X</u> | <u> </u> |
| 8. Is line 6 at least 10 times line 3? | <u>X</u> | <u> </u> |
| 9. Have financial statements for the latest fiscal year been filed with the Securities Exchange Commission? | <u>X</u> | <u> </u> |
| 10. Have financial statements for the latest fiscal year been filed with the Energy Information Administration? | <u> </u> | <u>X</u> |
| 11. Have financial statements for the latest fiscal year been filed with the Rural Electrification Administration? | <u> </u> | <u>X</u> |
| 12. Has financial information been provided to Dun and Bradstreet, and has Dun and Bradstreet provided a financial strength rating of 4A? [Answer Yes only if both criteria have been met] | <u> </u> | <u>X</u> |

I hereby certify that the wording of this letter is identical to the wording specified in Appendix B of N.J.A.C. 7:1E, as such rules were constituted on the date shown immediately below.


Thomas M. O'Flynn
Executive Vice President and
Chief Financial Officer

Date: April 26, 2004

PSEG Power LLC
80 Park Plaza, Newark, NJ 07102-4194
tel: 973.430.7000



GUARANTEE

Guarantee made this April 20, 2004 by PSEG Power LLC, a business entity organized under the laws of the State of Delaware, herein referred to as guarantor, to the New Jersey Department of Environmental Protection ("Department") and to any and all third parties, and obliges, on behalf of its wholly owned operating subsidiaries, PSEG Fossil LLC, which operates the Bergen, Burlington, Essex, Edison, Hudson, Kearny, Linden, Mercer and Seward Generating Stations and PSEG Nuclear, LLC, which operates Hope Creek and Salem Generating Stations, of 80 Park Plaza, Newark, New Jersey 07101.

- (1) Guarantor meets or exceeds the financial test criteria of N.J.A.C. 7:1E-4.4(g) and agrees to comply with the requirements for guarantors as specified in N.J.A.C. 7:1E-4.4(h).
- (2) This guarantee satisfies the requirements for assuring funding in the amount of \$1,000,000 per occurrence and \$22,000,000 annual aggregate for cleanup and removal activities arising from operating the above identified major facilities.
- (3) On behalf of our wholly owned operating subsidiaries, PSEG Fossil LLC and PSEG Nuclear LLC, guarantor guarantees to the Department and to any and all third parties that:

In the event that PSEG Fossil LLC or PSEG Nuclear LLC, fails to provide alternate coverage within 60 days after receipt of a notice of cancellation of this guarantee and the Department has determined or suspects that a discharge has occurred at a facility covered by this guarantee, the guarantor, upon instructions from the Department, shall fund a standby trust fund in an amount sufficient to cover cleanup and removal costs, but not to exceed the coverage limits specified in N.J.A.C. 7:1E-4.4(b).

In the event that the Department determines that PSEG Fossil LLC or PSEG Nuclear LLC has failed to perform cleanup and removal activities arising out of the operation of the above-identified facilities, the guarantor, upon written instructions from the Department, shall fund a standby trust in an amount sufficient to cover cleanup and removal costs, but not to exceed the coverage limits specified above.

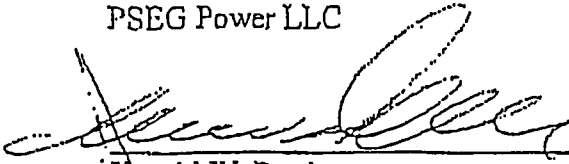
- (4) Guarantor agrees that if, at the end of any fiscal year before cancellation of this guarantee, the guarantor fails to meet the financial test criteria of N.J.A.C. 7:1E-4.4(g), guarantor shall send within 120 days of such failure, by certified mail, notice to PSEG Fossil LLC and PSEG Nuclear LLC and the Department. The guarantee will terminate 120 days from the date of receipt of the notice by PSEG Fossil LLC and PSEG Nuclear LLC or 120 days from the date of receipt of the notice by the Department, whichever is later, as evidenced by the return receipt.
- (5) Guarantor agrees to notify PSEG Fossil LLC and PSEG Nuclear LLC by certified mail of a voluntary or involuntary proceeding under Title 11 (Bankruptcy), U.S. Code, naming guarantor as debtor, within 10 days after commencement of the proceeding.
- (6) Guarantor agrees to remain bound under this guarantee notwithstanding any modification or alternation of any obligation of PSEG Fossil LLC or PSEG Nuclear LLC, pursuant to N.J.A.C. 7:1E.
- (7) Guarantor agrees to remain bound under this guarantee for so long as PSEG Fossil LLC or PSEG Nuclear LLC must comply with the applicable financial responsibility requirements of N.J.A.C. 7:1E-4.4 for the above-identified facilities, except that guarantor may cancel this guarantee by sending notice by certified mail to PSEG Fossil LLC and PSEG Nuclear LLC, and the Department, such cancellation to become effective no earlier than 120 days after receipt of such notice by PSEG Fossil LLC and PSEG Nuclear LLC, as evidenced by the return receipt.
- (8) The guarantor's obligation does not apply to any of the following:
 - (a) Any obligation of PSEG Fossil LLC or PSEG Nuclear LLC, under a worker's compensation, disability benefits, or unemployment compensation law or other similar law;
 - (b) Bodily injury to an employee of PSEG Fossil LLC or PSEG Nuclear LLC, arising from, and in the course of, employment by PSEG Fossil LLC or PSEG Nuclear LLC;-
 - (c) Bodily injury or property damage not related to a discharge arising from the ownership, maintenance, use, or entrustment to others of any aircraft, motor vehicle, or watercraft;
 - (d) Property damage to any property owned, rented, loaned to, in the care, custody, or control of, or occupied by PSEG Fossil LLC or PSEG Nuclear LLC that is not the direct result of a discharge from the facility;
 - (e) Bodily damage or property damage for which PSEG Fossil LLC or PSEG Nuclear LLC is obligated to pay damages by reason of the assumption of liability in a contract or agreement other than a contract or agreement entered into to meet the requirements of N.J.A.C. 7:1E-4.4.

- (9) Guarantor expressly waives notice of acceptance of this guarantee by the Department or by PSEG Fossil LLC or PSEG Nuclear LLC.

I hereby certify that the wording of this guarantee is identical to the wording specified in Appendix B of N.J.A.C. 7:1E as such rules were constituted on the effective date shown immediately below.

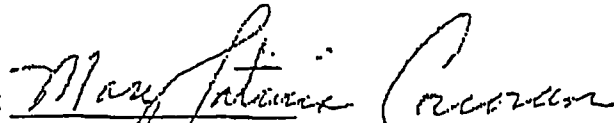
Effective date: April 20, 2004

PSEG Power LLC



Harold W. Borden
Vice President and General Counsel
PSEG Power LLC

Signature of witness or notary:


Mary Patricia Corcoran

S:\mf\jbl\dpcc\guarantee

Guarantee to not account for
Latter 1000 6/1/2004
21.000 06/01/2004

MARY PATRICIA CORCORAN
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 6/1/2006

AUG-23-2004 13:03

PSE&G DEC

973 802 1267 P.11/12

John I. Valeri, Jr.
Assistant General Environmental Counsel

Office of Environmental Counsel
80 Park Plaza, TC5, Newark, NJ 07102
tel: 973.430.5506 fax: 973.802.1267
email: John.ValeriJr@pseg.com

File



To: Harold W. Borden, Esq.
Christine T. Neely
John P. Ryan
Michael G. Cullen
James H. Peach
Bruce S. Petrovski
Mark D. Schwartzkopf
James Eggers

From: John G. Valeri, Jr., Esq.

Date: May 6, 2004

Re: DPCC/DCR Plans - Financial Responsibility

Enclosed please find a copy of NJDEP's acknowledgement of receipt of updated financial responsibility documents. As indicated in the letter, each generating station must keep a copy of the financial responsibility documents on-site. A copy of those documents were previously forwarded to you under separate cover.

If you have any questions or require additional copies of financial responsibility documents, please contact me.

JGV/jb
Enclosures

cc: Christopher J. McAuliffe, Esq.
Tasweer M. Syed



State of New Jersey

Department of Environmental Protection

James E. McGreevey
GovernorBradley M. Campbell
CommissionerBureau of Release Prevention
P. O. Box 424
Trenton, N.J. 08625
Tel: (609) 633-0610 Fax: (609) 633-7031

May 3, 2004

John G. Valeri, Jr.
Assistant General Environmental Counsel
PSEG Services Corporation
80 Park Plaza, T5C
Newark, NJ 07102

Re: Discharge Prevention, Containment and Countermeasure (DPCC) and Discharge Cleanup and Removal (DCR) Plans - Financial Responsibility for PSEG Fossil LLC and PSEG Nuclear LLC facilities in NJ

Bergen - 024900142000	Burlington - 030600142000	Edison - 120501202000
Essex - 071401223000	Hudson - 090601488000	Kearny - 090700466000
Linden - 200900820000	Mercer - 110300168000	Sewaren - 122501297000
Salem & Hope Creek - 170400041000		

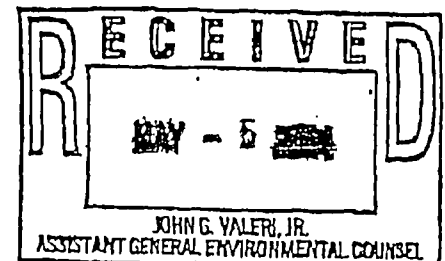
Dear Mr. Valeri:

Thank you for the updated financial responsibility documents, dated April 26, 2004 for the above-referenced major facilities in New Jersey.

The financial test of self insurance and guarantee have been included in the department's copies of the DPCC/DCR plans for the above referenced facilities. Since these documents are part of approved DPCC/DCR plans, these facilities must also keep a copy on site as required by N.J.A.C. 7:1E-4.6(i).

If you have any question regarding this letter, please contact Philip Polios at (609) 292-1690.

Respectfully,

Paul Baldauf, P.E., Chief
Bureau of Release Preventioncc: Beth S. Reddy, Section Chief, Engineering Review Section
Prit R. Pals, Supervisor, Field Verification Section
Philip Polios, Chemical Safety Engineer
Audrey S. Dorofy, Chemical Safety Engineer
Christopher Lucien, Principal Environmental Engineer
Yefim Kantor, Principal Environmental Engineer
Roy Soong, Environmental Engineer

ATTACHMENT D

MATERIAL SAFETY DATA SHEET

FOR COATINGS, RESINS AND RELATED MATERIALS

DATE OF PREPARATION: March 1, 2005

SECTION I - MANUFACTURER

NAME: M. A. BRUDER & SONS, INCORPORATED.
 ADDRESS: 600 REED ROAD
 CITY: BROOMALL STATE: PA ZIP CODE: 19008
 EMERGENCY TELEPHONE NO. DAY: 610-353-5100
 EMERGENCY TELEPHONE NO. NIGHTS & WEEKENDS: 610-359-3635

PRODUCT CODE: 027146
 PRODUCT NAME: ACRALSTC 2700 WHITE
 PRODUCT DESCRIPTION: ACRALSTC 2700 WHITE
 PRODUCT CLASS:

SECTION II - INGREDIENTS

MATERIAL DESCRIPTION	HAZARDOUS INGREDIENTS % BY WT.	EXPOSURE DATA
ZINC OXIDE	1.0 - 10.0	TLV/TWA = 10 mg/m3 (1) TLV/STEL = NOT ESTABLISHED
CAS # 1314-13-2		OSHA/PEL = 10 mg/m3 (1)
LEL = NOT APPLICABLE		SARA 313 YES
VP (mm Hg @ 25 C) NOT APPLICABLE		TLV/TWA = NOT ESTABLISHED
TRIMETHYLPENTANEDIOL ISOBUTYRATE	1.0 - 10.0	TLV/STEL = NOT ESTABLISHED
CAS # 25265-77-4		OSHA/PEL = NOT ESTABLISHED
LEL = 0.6		SARA 313 NO
VP (mm Hg @ 25 C) 1.0		TLV/TWA = 10 mg/m3 (1)
TITANIUM DIOXIDE	1.0 - 10.0	TLV/STEL = NOT ESTABLISHED
CAS # 13463-67-7		OSHA/PEL = 15 mg/m3 (1)
LEL = NOT APPLICABLE		SARA 313 NO
VP (mm Hg @ 25 C) NOT APPLICABLE		TLV/TWA = NOT ESTABLISHED (1)
PROPYLENE GLYCOL	1.0 - 10.0	TLV/STEL = NOT ESTABLISHED
CAS # 57-55-6		OSHA/PEL = NOT ESTABLISHED (1)
LEL = 2.6		SARA 313 NO
VP (mm Hg @ 25 C) 0.2		TLV/TWA = 10 mg/m3 (1)
NA-K-AL SILICATE	1.0 - 10.0	TLV/STEL = NOT ESTABLISHED
CAS # 37244-96-5		OSHA/PEL = 15 mg/m3 (1)
LEL = NOT APPLICABLE		SARA 313 NO
VP (mm Hg @ 25 C) NOT APPLICABLE		TLV/TWA = 10 mg/m3
FELDSPAR	11.0 - 30.0	TLV/STEL = NOT ESTABLISHED
CAS # 68476-25-5		OSHA/PEL = 0.08 mg/m3
LEL = 0		SARA 313 NO
VP (mm Hg @ 25 C) NOT APPLICABLE		TLV/TWA = 50 ppm (3)
ETHYLENE GLYCOL	1.0 - 10.0	TLV/STEL = NOT ESTABLISHED
CAS # 107-21-1		OSHA/PEL = 50 ppm (3)
LEL = 3.2		SARA 313 YES
VP (mm Hg @ 25 C) 0.1		TLV/TWA = 10 mg/m3 (1)
DIATOMACEOUS EARTH	1.0 - 10.0	TLV/STEL = NOT ESTABLISHED
CAS # 68855-54-9		OSHA/PEL = 6 mg/m3 (1)
LEL = NOT APPLICABLE		SARA 313 NO
VP (mm Hg @ 25 C) NOT APPLICABLE		TLV/TWA = 0.1 mg/m3 (2)
CRYSTALLINE SILICA	1.0 - 10.0	TLV/STEL = NOT ESTABLISHED
CAS # 14808-60-7		OSHA/PEL = 0.1 mg/m3 (2)
LEL = 0		SARA 313 NO
VP (mm Hg @ 25 C) NOT APPLICABLE		TLV/TWA = 0.1 mg/m3 (2)
CRISTOBALITE	1.0 - 10.0	TLV/STEL = NOT ESTABLISHED
CAS # 14464-46-1		OSHA/PEL = 0.1 mg/m3 (2)
LEL = 0		SARA 313 NO
VP (mm Hg @ 25 C) NOT APPLICABLE		

CAS # - Chemical Abstract Number

LEL - Lower Exposure Limit

VP - Vapor Pressure

SARA 313 - SARA TITLE III (Superfund Amendments and Reauthorization Act)

TLV/TWA - Threshold Limit Value/Time Weighted Average

TLV/STEL - Threshold Limit Value/Short Term Exposure Limit

OSHA/PEL - Occupational Safety Health Administration/Permissible Exposure Limit

(1) - Dust Hazard does not apply to liquid paint

(2) - Respirable Dust

(3) - Ceiling Limit

NON-HAZARDOUS INGREDIENTS - 3% OR MORE BY WEIGHT

INGREDIENT NAME	CAS NUMBER
WATER	7732-18-5
ACRYLIC POLYMER	UNKNOWN

SECTION III - PHYSICAL DATA

BOILING RANGE: 212 - 501°F WEIGHT PER GALLON: 11.96 - 12.36 LBS
VAPOR DENSITY: HEAVIER THAN AIR % VOLATILE BY VOLUME: 41.10 - 45.10 %
EVAPORATION RATE: SLOWER THAN ETHYL ETHER

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: Non-Flammable
Method Used: Not Applicable

Flammability Classification:
OSHA Not Regulated
DOT Not Regulated

Extinguishing Media: Dry Chemical or Foam.

Special Fire Fighting Procedures: Non-Flammable. Water may be used to cool and protect exposed containers.

Unusual Fire and Explosion Hazards: Closed containers may burst when exposed to extreme heat or fire.

SECTION V - HEALTH HAZARD DATA

Primary Route(s) of Exposure: Inhalation, Skin Contact

Effects of Overexposure:

Inhalation: Irritation of respiratory tract. Prolonged inhalation may lead to fatigue, drowsiness, dizziness and/or light-headedness, headache, nausea.

Skin Contact: Irritation of skin. Prolonged or repeated contact can cause dermatitis.

Eye Contact: Irritation of eyes. Prolonged or repeated contact can cause blurred vision, eye irritation, possible corneal injury.

Ingestion: Amounts ingested incidental to consumer and industrial handling are not likely to cause injury; however, ingestion of larger amounts may cause serious injury.

Emergency and First Aid Procedures:

Inhalation: Remove to fresh air. Restore and support continued breathing. Have trained person give oxygen if necessary. Get emergency medical attention.

Skin Contact: Wash off quickly with plenty of water, then soap and water; remove contaminated clothing. Wash contaminated clothing before reuse.

Eye Contact: Flush immediately with large amounts of water, especially under lids, for at least 15 minutes. Obtain emergency medical treatment.

Ingestion: If swallowed, obtain medical treatment immediately

SECTION VI - REACTIVITY DATA

Stability: Stable

Incompatibility: Materials to avoid: Oxidizers, Acids, Bases, Amines.

Conditions to Avoid: Elevated temperatures. Contact with oxidizing agents.

Hazardous Decomposition Products: If involved in fire from other causes, could conceivably result in release of carbon monoxide, carbon dioxide.

Hazardous Polymerization: Will not occur.

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SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:

Collect in container for disposal, according to applicable health and environmental regulations. Clean up with water before allowing to dry.

Waste Disposal Method: Dispose in accordance with local, state and federal regulations. Avoid discharge to natural waters.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory protection: Control environmental concentrations below applicable standards. Approved chemical mechanical filter respirator designed to remove a combination of particulate and vapors (NIOSH/MSHA TC23C OR EQUIVALENT)

Ventilation: Maintain adequate ventilation to ensure air entry during application and drying, to prevent build-up of vapors.

Personal Protective Equipment: Eye wash, safety shower, safety glasses or goggles, impervious gloves, skin cream (if needed).

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: Do not store in sun or above 100 degree F. Keep from freezing.

OSHA Storage Category: Not regulated.

Other Precautions: Do not take internally. Keep out of the reach of children.

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