



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



December 20, 1982

DEC 2 1982

The Honorable Lester A. Sutton
Regional Administrator
U.S. EPA Region 1
JFK Federal Building
Boston, Massachusetts 02203

Dear Mr. Sutton:

The enclosed material represents a revision to our State Implementation Plan for air quality. This revision will allow the use of one percent (1.0%) sulfur oil at Dow Chemical, Ledyard, Connecticut. The enclosed public notice supplements material submitted on May 19, 1982. No comments have been received on this action. I would ask that a notice of final rulemaking be prepared as soon as possible.

Please contact Leonard Bruckman, Director of Air Compliance (203) 566-4030 should additional material be required.

Sincerely,

Stanley J. Pac
Commissioner

SJP:PF;bw
enclosures:

- A) Public Notice
- B) State Order #7002B
- C) technical support

Phone:

State Office Building, Hartford, Connecticut 06115 06106

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STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



AIR COMPLIANCE UNIT
PUBLIC NOTICE

By a notice in the June 30, 1981 Connecticut Law Journal, the Department of Environmental Protection (DEP) commenced a rulemaking action to amend certain regulations to allow the use of fuel containing one percent (1.0%) sulfur. As part of that process the DEP developed a technical support document which identified facilities which would not be allowed to use 1% sulfur oil without further review by the DEP. The purpose of this notice is to inform the public that the facility listed below has been reviewed and will be allowed to use 1% sulfur oil following the completion of this action. The following facility will receive state orders with conditions which will allow the use of 1% sulfur oil.

Dow Chemical

Gales Ferry

Anyone interested in this matter may receive additional information by contacting:

Air Compliance Unit
Office of the Director
Room 144, State Office Building
Hartford, Connecticut 06106
(203) 566-4030

After reviewing the DEP's information any person aggrieved in this matter may request a public hearing. Comments must be received by December 17, 1982.

11/17/82
(Date)

Stanley J. Pac
Stanley J. Pac
Commissioner

Phone:

State Office Building, Hartford, Connecticut 06115

STATE OF CONNECTICUT)
DEPARTMENT OF ENVIRONMENTAL PROTECTION)
VS.) STATE ORDER NO. 7002B
DOW CHEMICAL U.S.A.) May 24, 1982
GALES FERRY, CONNECTICUT)

In the matter of an Order of the Commissioner of Environmental Protection, State Order No. 7002B concerning the utilization of fuel containing 1% sulfur by weight (dry basis).

WHEREAS, Dow Chemical U.S.A., Allyn's Point Road, Gales Ferry (hereinafter the Company) operates fuel burning equipment utilizing fuel subject to the limitations of Section 19-508-19 of the Administrative Regulations for the Abatement of Air Pollution (hereinafter, Regulations), and;

WHEREAS, in accordance with the revisions to Connecticut's State Implementation Plan for Control of Sulfur Compound Emissions submitted on July 7, 1981 and the Federal Environmental Protection Agency's Federal Register notice approving these new rules, the Company and this Department have reviewed certain data and conducted air quality modeling to determine that compliance with the applicable National Ambient Air Quality Standards (NAAQS) utilizing 1% sulfur fuel has been demonstrated, and;

WHEREAS, this State Order constitutes an amendment to State Order No. 7002A. All the terms and conditions of State Order No. 7002A are hereby superceded by the terms and conditions of State Order No. 7002B set forth herein.

NOW, THEREFORE, by authority of Section 19-514 et. seq. of the Connecticut General Statutes and Section 113(d) of the Clean Air Act as amended, 42 U.S.C. Sec. 7413(d), the Commissioner hereby approves Dow Chemical U.S.A. to utilize fuel oil with a sulfur content no greater than one percent (1%) by weight (dry basis) pursuant to Sec. 19-508-19 (a) (3) of the Regulations, subject to the following terms and conditions;

1. Final approval to utilize 1% sulfur fuel is contingent upon approval by the United States Environmental Protection Agency.
2. This approval is limited to the following equipment operated at design capacity; E7A (DEP Reg. No. 092-0006), E7B (092-0007), EA (092-P0002), EB (092-P0001), GA (092-P0006), and GB (092-P0007).

3. This approval is further conditional upon boilers E7C (092-0008) and E7D (092-0009) not operating concurrently at any time.
4. The stipulation contained within item 3 shall be immediately suspended, thereby allowing full operation at design capacity for each of the boilers cited, should a final decision on a definition of "ambient air", as currently under review, render an interpretation such that on-site modeled exceedances of NAAQS for SO₂ are not considered violations of NAAQS.
5. Submit revised registration forms and modified Permit to Operate applications for any equipment listed above for which operating parameters were adjusted as the result of modeling results submitted in December 1981 to this Department by the Company.
6. Submit a progress report noting the applicability of item 3 above and the delivery of 1% sulfur content fuel oil upon notification of final approval by the U. S. Environmental Protection Agency.

Failure to comply with the terms of this order shall be a violation of an order of the Commissioner and shall subject Dow Chemical U.S.A. to liability for civil assessments up to \$25,000 plus \$1,000 per day pursuant to Section 22a-6b(a) (3) of the General Statutes of Connecticut and Section 22a-6b-603 of the Department's Regulations. Departmental action under this authority in no way prevents the Commissioner from seeking, in addition or separately, an injunction enforcing this State Order together with penalties of up to five thousand dollars (\$5,000) per week in court proceedings under Section 19-516 of the General Statutes.

Questions concerning the terms of this Order should be addressed to Mr. Gudmun Lovvoll, Assistant Director Enforcement, Air Compliance Unit. Any future correspondence should make reference to the State Order No. cited above.

Signed this 27th day of May 1982.

Stanley J. Pac
Stanley J. Pac
Commissioner
DEPARTMENT OF ENVIRONMENTAL PROTECTION

SJP

Encs.