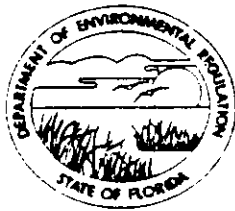


TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301



BOB GRAHAM
GOVERNOR

JACOB D. VARN
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

December 12, 1980

Mr. George W. Beck, Manager
U.S.S. Agri-Chemicals
P.O. Box 150
Bartow, Florida 33830

40/53/0051

1050051-NA-AC

Dear Mr. Beck:

AC 53-33818
AC 53-33819
AC 53-33820
AC 53-33821
AC 53-33822
AC 53-33868

Enclosed is Permit Numbers _____, dated December 24, 1980
to U.S.S. Agri-Chemicals Company
issued pursuant to Section 403, Florida Statutes.

Acceptance of the permit constitutes notice and agreement that the Department will periodically review this permit for compliance, including site inspections where applicable, and may initiate enforcement actions for violation of the conditions and requirements thereof.

Sincerely,

Steve Smallwood, Chief
Bureau of Air Quality Management

SS:caa

Final Determination

U.S.S. Agri-Chemicals Company's applications for permits to construct two sulfuric acid plants an auxiliary boiler, two phosphoric acid plants and a scrubber to serve the phosphoric acid plant storage area in Polk County have been reviewed by the Bureau of Air Quality Management. Public notice of the Department's Intent to Issue the construction permit was published in the Lakeland Ledger on November 22, 1980.

Copies of the preliminary determination have been available for public inspection at the Department's Southwest District Office in Tampa and the Bureau of Air Quality Management in Tallahassee.

Comments on the proposed construction permits were received from U.S.S. Agri-Chemicals Company.

U.S.S. Agri-Chemicals Company requested that operation of the auxiliary boiler on natural gas should not be time limited as it is a clean fuel. They had no objection to a time limit when using Fuel No. 2 oil.

For the phosphoric acid plant permits the applicant objected to the particulate matter emission limit of 5.9 lb./hr. per train entered in the permit as a specified condition. They also noted some typographical errors.

The Department has considered their request and made the changes described below to the special conditions of the permit.

The auxiliary boiler operation schedule of 840 hrs./year is to apply only to the use of Fuel oil No. 2.

Restriction on the particulate matter emission limit of 5.9 lb./hr. per train has been removed since phosphoric acid plants are not considered a source of particulate matter.

The typographical errors were corrected.

The final action by the Department should be to issue the permits with the changes noted above.

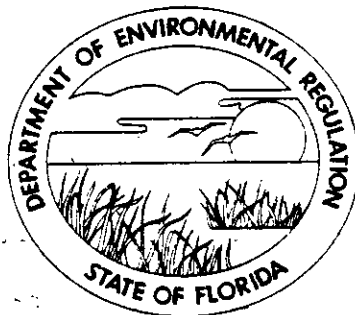
Final Determination

U.S.S. Agri Chemicals Company
Polk County, Florida

Construction Permit
Application Numbers:

AC 53-33818
AC 53-33819
AC 53-33820
AC 53-33821
AC 53-33822
AC 53-38868

Florida Department of Environmental Regulation
Bureau of Air Quality Management
Central Air Permitting
December 23, 1980



Permit No

**STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL REGULATION**

**CONSTRUCTION
PERMIT**

NO. AC 53-33818

U.S.S. AGRI-CHEMICALS
BARTOW, FLORIDA
SULFURIC ACID PLANT (*No. 1 Train*)

DATE OF ISSUANCE

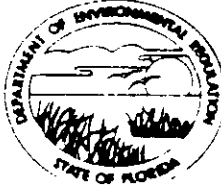
December 24, 1980

DATE OF EXPIRATION

SEPTEMBER 30, 1983

Jacob D. Varn
JACOB D. VARN,
SECRETARY

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301



BOB GRAHAM
GOVERNOR
JACOB D. VARN
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICANT: U.S.S. Agri-Chemicals
P. O. Box 150
Bartow, Florida 33830

PERMIT/CERTIFICATION
NO. AC 53- 33818

COUNTY: Polk

PROJECT: Sulfuric Acid Plant

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2 and 17-4, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

For the construction of a 2,200 ton per day sulfuric acid plant located on Highway 630 West in Ft. Meade, Polk County, Florida. The UTM coordinates of the proposed plant are 416.26 (Zone 17)E and 3068.79 N.

Construction shall be in accordance with the attached permit application, and plans, documents and drawings except as otherwise noted in "Specific Conditions".

Attachments are as follows:

1. Application to Construct Air Pollution Sources, DER Form 17-1.122(16).
2. U.S.S. Agri-Chemicals Company, Responses to Technical Discrepancies, September 25, 1980.

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions", and as such are binding upon the permittee and enforceable pursuant to the authority of Section 403.161(1), Florida Statutes. Permittee is hereby placed

PERMIT NO.: AC 53-33818
APPLICANT: USS Agri-Chemicals

on notice that the department will review this permit periodically and may initiate court action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.

3. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information: (a) a description of and cause of non-compliance; and (b) the period of non-compliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

4. As provided in subsection 403.087(6), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.

6. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Section 403.111, F.S.

7. In the case of an operation permit, permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

8. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant, or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.

11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

13. This permit also constitutes:

- Determination of Best Available Control Technology (BACT)
- Determination of Prevention of Significant Deterioration (PSD)
- Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

SPECIFIC CONDITIONS:

PERMIT NO.: AC 53-33818
APPLICANT: U.S.S. Agri-Chemicals

Specific Conditions

Sulfuric Acid Plant

1. Operation time will be 24 hrs./day; 7 days/wk; 52 wks./year.
2. Maximum production rate will be 2200 tons of 100 percent H₂SO₄ per day for each sulfuric acid plant.
3. The maximum amount of sulfur dioxide emitted will be 4 lbs. SO₂/Ton 100% H₂SO₄ and 367 lbSO₂/hr. per train.
4. The amount of H₂SO₄ mist emitted will be a maximum of 0.15 lb. acid mist/Ton 100% H₂SO₄ and 13.8 lb/hr mist per train.
5. A continuous monitoring system for the measurement of sulfur dioxide shall be installed, calibrated, maintained, and operated by the applicant. The pollutant gas used to prepare calibration gas mixture under paragraph 2.1 Performance Specification 2 and for calibration checks under 60.13(d) to this part, shall be sulfur dioxide (SO₂). Reference Method 8 shall be used for conducting monitoring system performance evaluations under 60.13(c) except that only the sulfur dioxide portion of the Method 8 results shall be used. The span shall be set at 1000 ppm of sulfur dioxide.
6. The applicant shall establish a conversion factor for the purpose of converting monitoring data into units of the applicable standard (kg/metric ton, lb/short ton). The conversion factor shall be determined, as a minimum, three times daily by measuring the concentration of sulfur dioxide entering the converter using suitable methods and calculating the appropriate conversion factor for each eight hour period as follows:
$$CF = K \frac{(1.000 - 0.015r)}{r-s}$$
7. The applicant shall record all conversion factors and values under paragraph (b) as set forth in 60.84 Subpart H - Standards of Performance for Sulfuric Acid Plant.
8. For the purpose of reports under 60.7(c), periods of excess emission shall be all three-hour periods (or the arithmetic average of three consecutive one-hour periods) during which the integrated average sulfur dioxide emissions exceed the applicable standards under 60.82.

PERMIT NO.: AC 53-33818
APPLICANT: U.S.S. Agri-Chemicals

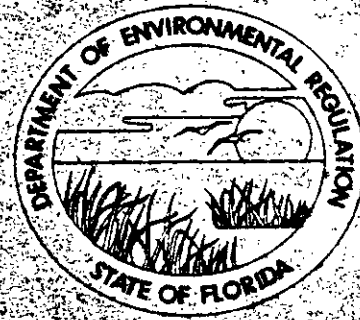
9. Existing sulfuric acid plants permit no. AO 53-4528 will be shut down and any permits for these sources returned to the Department within 3 months after written notification from DER that the compliance tests on the new sulfuric acid plants are acceptable.
10. Reasonable precautions to prevent fugitive particulate emissions during construction such as coating or spraying roads and construction sites used by contractors, will be taken by the Permittee.
11. Construction should reasonably conform to the plans submitted in the application.
12. The applicant should report any delays in construction and completion.
13. Before the construction permit expires the sulfuric acid plant will be tested for sulfur dioxide and sulfuric acid mist. Test procedures will be EPA reference methods 1, 2, 3, 8, and 9 as published in 40 CFR 60, Appendix A, dated July 1, 1978 or by any other State approved method. Minimum sample volume and time per run will be as defined in the applicable NSPS. DER will be notified 30 days in advance of the compliance test. The test will be conducted at permitted production capacity +10%.
14. The applicant will demonstrate compliance with the condition of the construction permit and submit a complete application for an operating permit to the Tampa District office prior to 90 days of the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until the expiration date or issuance of an operating permit.
15. Upon obtaining an operating permit, the applicant will be required to submit periodic test reports on the actual operation and emissions of the facility.
16. Stack sampling facilities will include the eyebolt and angle described in the attached figures.
17. Visible emission shall be 10% opacity.

Jacob D. Varn
Jacob D. Varn, Secretary

Expiration Date: September 30, 1983

Issued this 24 day of December, 1980

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



Part #17

STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL REGULATION

CONSTRUCTION
PERMIT

NO. AC 53-33819

U.S.S. AGRI-CHEMICALS
BARTON, FLORIDA
SULFURIC ACID PLANT

(no. 2 Tract)

DATE OF ISSUANCE

December 29, 1960

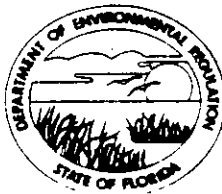
DATE OF EXPIRATION

SEPTEMBER 30, 1983

Jacob D. Varn

JACOB D. VARN,
SECRETARY

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301



BOB GRAHAM
GOVERNOR
JACOB O. VARN
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICANT: U.S.S. Agri-Chemicals
P. O. Box 150
Bartow, Florida 33830

PERMIT/CERTIFICATION
NO. AC 53 - 33819

COUNTY: Polk

PROJECT: Sulfuric Acid Plant

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2 and 17-4, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

For the construction of a 2,200 ton per day sulfuric acid plant located on Highway 630 West in Ft. Meade, Polk County, Florida. The UTM coordinates of the proposed plant are 416.26 (Zone 17)E and 3068.71 N.

Construction shall be in accordance with the attached permit application, and plans, documents and drawings except as otherwise noted in "Specific Conditions".

Attachments are as follows:

1. Application to Construct Air Pollution Sources, DER Form 17-1.122(16).
2. U.S.S. Agri-Chemicals Company, Responses to Technical Discrepancies, September 25, 1980.

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions", and as such are binding upon the permittee and enforceable pursuant to the authority of Section 403.161(1), Florida Statutes. Permittee is hereby placed

PERMIT NO.: AC 53-33819
APPLICANT: USS Agri-Chemicals

on notice that the department will review this permit periodically and may initiate court action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.

3. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information: (a) a description of and cause of non-compliance; and (b) the period of non-compliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

4. As provided in subsection 403.087(6), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.

6. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Section 403.111, F.S.

7. In the case of an operation permit, permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

8. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant, or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.

11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

13. This permit also constitutes:

- Determination of Best Available Control Technology (BACT)
- Determination of Prevention of Significant Deterioration (PSD)
- Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

SPECIFIC CONDITIONS:

PERMIT NO.: AC 53-33819
APPLICANT: U.S.S. Agri-Chemicals

Specific Conditions

Sulfuric Acid Plant

1. Operation time will be 24 hrs./day, 7 days/wk; 52 wks/year.
2. Maximum production rate will be 2200 tons of 100 percent H₂SO₄ per day for each sulfuric acid plant.
3. The maximum amount of sulfur dioxide emitted will be 4 lbs. SO₂/Ton 100% H₂SO₄ and 367 lbSO₂/hr. per train.
4. The amount of H₂SO₄ mist emitted will be a maximum of 0.15 lb. acid mist/Ton 100% H₂SO₄ and 13.8 lb/hr mist per train.
5. A continuous monitoring system for the measurement of sulfur dioxide shall be installed, calibrated, maintained, and operated by the applicant. The pollutant gas used to prepare calibration gas mixture under paragraph 2.1 Performance Specification 2 and for calibration checks under 60.13(d) to this part, shall be sulfur dioxide (SO₂). Reference Method 8 shall be used for conducting monitoring system performance evaluations under 60.13(c) except that only the sulfur dioxide portion of the Method 8 results shall be used. The span shall be set at 1000 ppm of sulfur dioxide.
6. The applicant shall establish a conversion factor for the purpose of converting monitoring data into units of the applicable standard (kg/metric ton, lb/short ton). The conversion factor shall be determined, as a minimum, three times daily by measuring the concentration of sulfur dioxide entering the converter using suitable methods and calculating the appropriate conversion factor for each eight hour period as follows:
$$CF = K \frac{(1.000 - 0.015r)}{r-s}$$
7. The applicant shall record all conversion factors and values under paragraph (b) as set forth in 60.84 Subpart H - Standards of Performance for Sulfuric Acid Plant.
8. For the purpose of reports under 60.7(c), periods of excess emission shall be all three-hour periods (or the arithmetic average of three consecutive one-hour periods) during which the integrated average sulfur dioxide emissions exceed the applicable standards under 60.82.

PERMIT NO.: AC 53-33819

APPLICANT: U.S.S. Agri-Chemicals

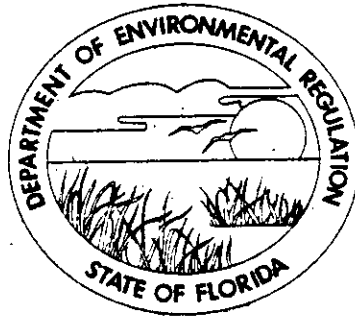
9. Existing sulfuric acid plants permit no. AD 53-4528 will be shut down and any permits for these sources returned to the Department within 3 months after written notification from DER that the compliance tests on the new sulfuric acid plants are acceptable.
10. Reasonable precautions to prevent fugitive particulate emissions during construction such as coating or spraying roads and construction sites used by contractors, will be taken by the Permittee.
11. Construction should reasonably conform to the plans submitted in the application.
12. The applicant should report any delays in construction and completion.
13. Before the construction permit expires the sulfuric acid plant will be tested for sulfur dioxide and sulfuric acid mist. Test procedures will be EPA reference methods 1, 2, 3, 8, and 9 as published in 40 CFR 60, Appendix A, dated July 1, 1978 or by any other State approved method. Minimum sample volume and time per run will be as defined in the applicable NSPS. DER will be notified 30 days in advance of the compliance test. The test will be conducted at permitted production capacity +10%.
14. The applicant will demonstrate compliance with the condition of the construction permit and submit a complete application for an operating permit to the Tampa District office prior to 90 days of the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until the expiration date or issuance of an operating permit.
15. Upon obtaining an operating permit, the applicant will be required to submit periodic test reports on the actual operation and emissions of the facility.
16. Stack sampling facilities will include the eyebolt and angle described in the attached figures.
17. Visible emission shall be 10% opacity.

Victoria J. Schubert
Jacob D. Varn, Secretary

Expiration Date: September 30, 1983

Issued this 24 day of December, 1980

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



PWT # 18

STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL REGULATION

CONSTRUCTION
PERMIT

NO. AC 53-33822

U.S.S. AGRI-CHEMICALS
BARTOW, FLORIDA
AUXILIARY BOILER

DATE OF ISSUANCE

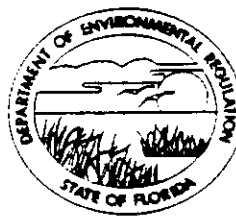
December 24, 1980

DATE OF EXPIRATION

SEPTEMBER 30, 1983

Victoria J. ...

JACOB D. VARN,
SECRETARY



STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICANT: U.S.S. Agri-Chemicals
P. O. Box 150
Bartow, Florida 33830

PERMIT/CERTIFICATION
NO.AC 53-33822

COUNTY: Polk

PROJECT: Auxiliary Boiler

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2 and 17-4, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

For the construction of an auxiliary boiler to serve two identical sulfuric acid plants located on Highway 630 West of the Meade, Polk County, Florida. The UTM coordinates of the proposed plant are 416.19 (Zone 17) and 3068.65N.

Construction shall be in accordance with the attached permit application, and plans, documents and drawings except as otherwise noted on page 3 "Specific Conditions".

Attachments are as follows:

1. Application to Construct Air Pollution Sources, DER Form 17-1.122(16).
2. U.S.S. Agri-Chemicals, Company, Responses to Technical Discrepancies, September 25, 1980.

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions", and as such are binding upon the permittee and enforceable pursuant to the authority of Section 403.161(1), Florida Statutes. Permittee is hereby placed

PERMIT NO.: AC 53-33822
APPLICANT: U.S.S. Agri-Chemicals

on notice that the department will review this permit periodically and may initiate court action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.

3. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information: (a) a description of and cause of non-compliance; and (b) the period of non-compliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

4. As provided in subsection 403.087(6), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.

6. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Section 403.111, F.S.

7. In the case of an operation permit, permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

8. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant, or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.

11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

13. This permit also constitutes:

- Determination of Best Available Control Technology (BACT)
- Determination of Prevention of Significant Deterioration (PSD)
- Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

SPECIFIC CONDITIONS:

PERMIT NO.: AC 53-33822
APPLICANT: U.S.S. Agri-Chemicals

Specific Conditions

Auxiliary Boiler

1. Auxiliary boiler operation is limited to 840 hours/year when burning no. 2 fuel oil.
2. The fuel used to fire the boiler will be natural gas or No. 2 fuel oil with a sulfur content of 0.5% S. Maximum.
3. The Department will be notified if the auxiliary boiler operates more than 840 hours/year while burning No. 2 fuel oil.
4. Visible emissions shall be 20 percent opacity except for up to 27% opacity for one 6 minute period per hour.
5. The maximum amount of emissions emitted from the boiler stack will be:


Pollutant	Fuel	Emission Rate
SO ₂		0.51 lbs. SO ₂ /MMBTU
NO _x	Fuel oil No. 2	0.3 lbs. NO _x /MMBTU
Particulate		0.2 lbs. particulate/MMBTU
Visible Emission		Opacity (Maximum 20%)

6. Before the construction permit expires, the boiler will be tested for sulfur dioxide and visible emissions. Test procedures will be EPA reference methods 1, 2, 3, 6 and 9 as published in 40 CFR 60, Appendix A, dated July 1, 1978, or by any other State approved method. DER will be notified 30 days in advance of the compliance test. The test will be conducted at permitted production capacity +10%.
7. Reasonable precautions to prevent fugitive particulate emissions during construction such as coating or spraying roads and construction sites used by contractors, will be taken by the Permittee.
8. Construction should reasonably conform to the plans submitted in the application.
9. The applicant should report any delay in construction and completion.

PERMIT NO.: AC 53-33822

APPLICANT: U.S.S. Agri-Chemicals

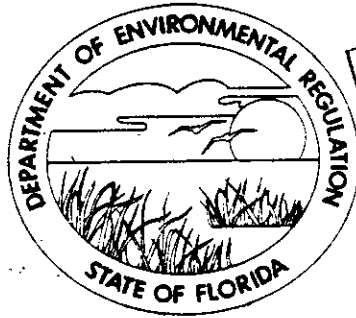
10. The applicant will demonstrate compliance with the condition of the construction permit and submit a complete application for an operating permit to the Tampa District office prior to 90 days of the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms to operate in compliance with all terms of the construction permit until the expiration date or issuance of an operating permit.
11. Upon obtaining an operating permit, the applicant will be required to submit periodic reports on the actual operation and emission of the facility. These reports will give emission test data, emission test results and hours of production.


Jacob D. Harn, Secretary

Expiration Date: September 30, 1983

Issued this 24 day of December, 1980

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



ANT # 19

STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL REGULATION

CONSTRUCTION
PERMIT

NO. AC 53-33821

U.S.S. AGRI-CHEMICALS
BARTOW, FLORIDA
PHOSPHORIC ACID PLANT

(Train A)

DATE OF ISSUANCE

December 24, 1980

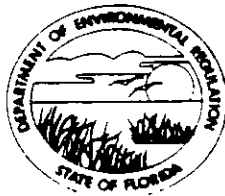
DATE OF EXPIRATION

SEPTEMBER 30, 1983

Jacob D. Varn

JACOB D. VARN,
SECRETARY

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301



BOB GRAHAM
GOVERNOR
JACOB D. VARN
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICANT: U.S.S. Agri-Chemicals
P. O. Box 150
Bartow, Florida 33830

PERMIT/CERTIFICATION
NO. AC 53- 33821
COUNTY: Polk

PROJECT: Phosphoric Acid Plant

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2 and 17-4, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

For the construction of a Phosphoric Acid Plant to be located on Highway 630 West of Ft. Meade, Polk County, Florida. The UTM Coordinates of the proposed plant are 416.07 (Zone 17) and 3068.78N.

Construction shall be in accordance with the attached permit application, and plans, documents and drawings except as otherwise noted on pages 3 and 4, "Specific Conditions".

Attachments are as follows:

1. Application to Construct Air Pollution Sources, DER Form 17-1.122(16).
2. U.S.S. Agri-Chemicals, Company, Responses to Technical Discrepancies, September 25, 1980.

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions", and as such are binding upon the permittee and enforceable pursuant to the authority of Section 403.161(1), Florida Statutes. Permittee is hereby placed

PERMIT NO.: AC 53-33821
APPLICANT: USS Agri-Chemicals

on notice that the department will review this permit periodically and may initiate court action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.

3. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information: (a) a description of and cause of non-compliance; and (b) the period of non-compliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

4. As provided in subsection 403.087(6), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.

6. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Section 403.111, F.S.

7. In the case of an operation permit, permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

8. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant, or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.

11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

13. This permit also constitutes:

- Determination of Best Available Control Technology (BACT)
- Determination of Prevention of Significant Deterioration (PSD)
- Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

SPECIFIC CONDITIONS:

PERMIT NO.: AC 53-33821
APPLICANT: USS Agri-Chemicals

Specific Conditions

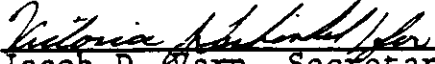
1. Maximum production rate will be 770 tons of P_2O_5 per day for each phosphoric acid plant (1,540 tons of P_2O_5 per day for both phosphoric acid plants).
2. Operation time will be 24 hrs./day; 7 days/wk; 52 wks/year.
3. Fugitive emissions in the Phosphoric Acid Plant will be controlled by sealing and venting all fumes from the process and conveying equipment to pollution control equipment.
4. Reasonable precautions to prevent fugitive particulate emissions during construction such as coating or spraying roads and construction sites used by contractors will be taken by the Permittee.
5. Construction should reasonably conform to the plans submitted in the application.
6. The applicant should report any delays in construction and completion.
7. Before the construction permit expires, the Phosphoric Acid Plant will be sampled for particulate and total fluoride. Test procedures will be EPA reference methods 1, 2, 3, 4, 5, and 13A or 13B as published in 40 CFR 60, Appendix A, dated July 1, 1978, or by any other State approved methods. DER will be notified 30 days in advance of the compliance test. The test will be conducted at permitted production capacity +10%. Flow of the scrubber water (GPM), water pressure and pressure drop across the scrubbers, will be as normally operated and reported, along with the test data and results, to DER. Test results will be the average of 3 valid runs.

Minimum sample time and volume per run will be as defined in the applicable NSPS.

8. The applicant will demonstrate compliance with the conditions of the construction permit and submit a complete application for an operating permit to the Tampa District office prior to 90 days of the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until the expiration date or issuance of an operating permit.

PERMIT NO: AC 53-33821
APPLICANT: USS Agri-Chemicals

9. Upon obtaining an operating permit, the applicant will be required to submit periodic test reports on the actual operation and emission of the facility. These reports will give emission test data, emission test results, scrubber parameters (pressure drop and water flow) and phosphoric acid production.
10. Stack sampling facilities will include the eyebolt and angle described in the attached figure.
11. The maximum amount of total fluoride emitted will be 0.02 lb. F/TP₂O₅ feed and 0.53 lbs. F/hr. from each reactor stack and 0.36 lb./hr. from the clarification and storage stack.
12. The existing phosphoric acid plants permit no. AO 53-4563 will be shut down and any operation permit for them returned to the Department within 3 months after written notification from DER that the compliance tests on the new phosphoric acid plants are acceptable.
13. The applicant shall install, calibrate, maintain, and operate a monitoring device which can be used to determine the mass flow of phosphorus-bearing feed material to the process. The monitoring device shall have an accuracy of +5 percent over its operating range.
14. The applicant shall maintain a daily record of equivalent P₂O₅ feed by first determining the total mass rate in ton/hr. of phosphorus bearing feed using a monitoring device for measuring mass flow rate which meets the requirements of the above paragraph (14) and then by proceeding according to 60.204(d)(2) Subpart T, Standards of Performance for the Phosphate Fertilizer Industry: Wet Process Phosphoric Acid Plant.
15. The applicant shall install, calibrate, maintain, and operate a monitoring device which continuously measures and permanently records the total pressure drop across the process scrubbing system. The monitoring device shall have an accuracy of +5 percent over its operating range.



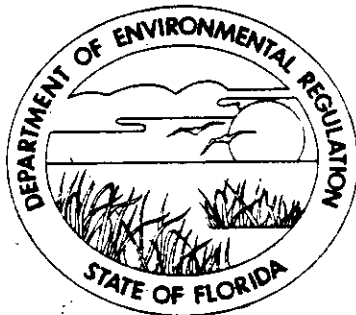
Jacob D. Worn, Secretary

Expiration Date: September 30, 1983

Issued this 24 day of December, 1980

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

PNT# 20



STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL REGULATION

CONSTRUCTION
PERMIT

NO. AC 53-33820

U.S.S. AGRI-CHEMICALS
BARTOW, FLORIDA
PHOSPHORIC ACID PLANT

(Train B)

DATE OF ISSUANCE

December 24, 1980

DATE OF EXPIRATION

SEPTEMBER 30, 1983

Jacob D. Varn

JACOB D. VARN,
SECRETARY



STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICANT: U.S.S. Agri-Chemicals
P. O. Box 150
Bartow, Florida 33830

PERMIT/CERTIFICATION
NO. AC 53-33820
COUNTY: Polk

PROJECT: Phosphoric Acid Plant

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2 and 17-4, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

For the construction of a Phosphoric Acid Plant to be located on Highway 630 West of Ft. Meade, Polk County, Florida. The UTM Coordinates of the proposed plant are 416.07 (Zone 17) and 3068.70N.

Construction shall be in accordance with the attached permit application, and plans, documents and drawings except as otherwise noted on pages 3 and 4, "Specific Conditions".

Attachments are as follows:

1. Application to Construct Air Pollution Sources, DER Form 17-1.122(16).
2. U.S.S. Agri-Chemicals, Company, Responses to Technical Discrepancies, September 25, 1980.

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions", and as such are binding upon the permittee and enforceable pursuant to the authority of Section 403.161(1), Florida Statutes. Permittee is hereby placed

PERMIT NO.: AC 53-33820
APPLICANT: USS Agri-Chemicals

on notice that the department will review this permit periodically and may initiate court action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.

3. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information: (a) a description of and cause of non-compliance; and (b) the period of non-compliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

4. As provided in subsection 403.087(6), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.

6. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Section 403.111, F.S.

7. In the case of an operation permit, permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

8. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant, or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.

11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

13. This permit also constitutes:

- Determination of Best Available Control Technology (BACT)
- Determination of Prevention of Significant Deterioration (PSD)
- Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

SPECIFIC CONDITIONS:

PERMIT NO.: AC 53-33820
APPLICANT: USS Agri-Chemicals

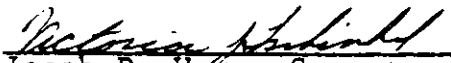
Specific Conditions

1. Maximum production rate will be 770 tons of P_2O_5 per day for each phosphoric acid plant (1,540 tons of P_2O_5 per day for both phosphoric acid plants).
2. Operation time will be 24 hrs./day, 7 days/wk., 52 wks./year.
3. Fugitive emissions in the Phosphoric Acid Plant will be controlled by sealing and venting all fumes from the process and conveying equipment to pollution control equipment.
4. Reasonable precautions to prevent fugitive particulate emissions during construction such as coating or spraying roads and construction sites used by contractors will be taken by the Permittee.
5. Construction should reasonably conform to the plans submitted in the application.
6. The applicant should report any delays in construction and completion.
7. Before the construction permit expires, the Phosphoric Acid Plant will be sampled for particulate and total fluoride. Test procedures will be EPA reference methods 1, 2, 3, 4, 5, and 13A or 13B as published in 40 CFR 60, Appendix A, dated July 1, 1978, or by any other State approved methods. DER will be notified 30 days in advance of the compliance test. The test will be conducted at permitted production capacity +10%. Flow of the scrubber water (GPM), water pressure and pressure drop across the scrubbers, will be as normally operated and reported, along with the test data and results, to DER. Test results will be the average of 3 valid runs.

Minimum sample time and volume per run will be as defined in the applicable NSPS.

8. The applicant will demonstrate compliance with the conditions of the construction permit and submit a complete application for an operating permit to the Tampa District office prior to 90 days of the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until the expiration date or issuance of an operating permit.

9. Upon obtaining an operating permit, the applicant will be required to submit periodic test reports on the actual operation and emission of the facility. These reports will give emission test data, emission test results, scrubber parameters (pressure drop and water flow) and phosphoric acid production.
10. Stack sampling facilities will include the eyebolt and angle described in the attached figure.
11. The maximum amount of total fluoride emitted will be 0.02 lb. F/TP₂O₅ feed and 0.53 lbs. F/hr. from each reactor stack and 0.36 lb./hr. from the clarification and storage stack.
12. The existing phosphoric acid plants permit no. AO 53-4563 will be shut down and any operation permit for them returned to the Department within 3 months after written notification from DER that the compliance tests on the new phosphoric acid plants are acceptable.
13. The applicant shall install, calibrate, maintain, and operate a monitoring device which can be used to determine the mass flow of phosphorus-bearing feed material to the process. The monitoring device shall have an accuracy of +5 percent over its operating range.
14. The applicant shall maintain a daily record of equivalent P₂O₅ feed by first determining the total mass rate in ton/hr. of phosphorus bearing feed using a monitoring device for measuring mass flow rate which meets the requirements of the above paragraph (14) and then by proceeding according to 60.204(d)(2) Subpart T, Standards of Performance for the Phosphate Fertilizer Industry: Wet Process Phosphoric Acid Plant.
15. The applicant shall install, calibrate, maintain, and operate a monitoring device which continuously measures and permanently records the total pressure drop across the process scrubbing system. The monitoring device shall have an accuracy of +5 percent over its operating range.



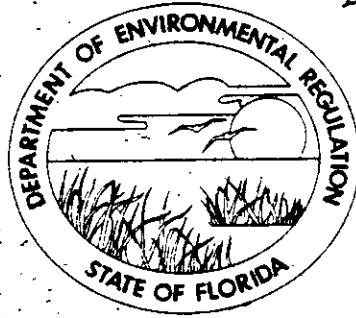
Jacob D. Vain, Secretary

Expiration Date: September 30, 1983

Issued this 24 day of December 1980

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

PNT # 21



STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL REGULATION

CONSTRUCTION
PERMIT

NO. AC 53-33868

U.S.S. AGRI-CHEMICALS
BARTOW, FLORIDA
PHOSPHORIC ACID PLANT STORAGE AREA

DATE OF ISSUANCE

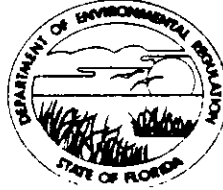
December 24, 1980

DATE OF EXPIRATION

SEPTEMBER 30, 1983

Victoria J. ...
JACOB D. VARN,
SECRETARY

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301



BOB GRAHAM
GOVERNOR
JACOB O. VARN
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICANT: U.S.S. Agri-Chemicals
P. O. Box 150
Bartow, Florida 33830

PERMIT/CERTIFICATION
NO.AC 53-33868

COUNTY: Polk

PROJECT: Phosphoric Acid
Plant Storage Area

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2 and 17-4, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

For the construction of a scrubber to serve the Phosphoric Acid Plant storage area which is located on Highway 630 West of Ft. Meade, Polk County, Florida. The UTM Coordinates of the proposed plant are 416.07 (Zone 17)E and 3068.78N.

Construction shall be in accordance with the attached permit application, and plans, documents and drawings except as otherwise noted on page 3, "Specific Conditions".

Attachments are as follows:

1. Application to Construct Air Pollution Sources, DER Form 17-1.122(16).
2. USS Agri-Chemicals Company, Responses to Technical Discrepancies, September 25, 1980.

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions", and as such are binding upon the permittee and enforceable pursuant to the authority of Section 403.161(1), Florida Statutes. Permittee is hereby placed

PERMIT NO.: AC 53-33868
APPLICANT: U.S.S. Agri-Chemicals

on notice that the department will review this permit periodically and may initiate court action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.

3. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information: (a) a description of and cause of non-compliance; and (b) the period of non-compliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

4. As provided in subsection 403.087(6), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.

6. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Section 403.111, F.S.

7. In the case of an operation permit, permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

8. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant, or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.

11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

13. This permit also constitutes:

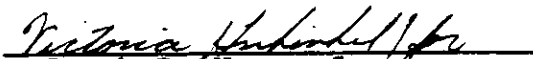
- Determination of Best Available Control Technology (BACT)
- Determination of Prevention of Significant Deterioration (PSD)
- Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

SPECIFIC CONDITIONS:

PERMIT NO.: AC 53-33868
APPLICANT: U.S.S. Agri-Chemicals

Specific Conditions

1. Maximum fluoride emissions from the storage area will be 0.36 lb/hr. for both trains.
2. Reasonable precautions to prevent fugitive particulate emissions during construction such as coating or spraying roads and construction sites by contractors will be taken by the Permittee.
3. Construction should reasonably conform to the plans submitted in the application.
4. The applicant should report any delays in construction and completion.
5. Before the construction permit expires, the phosphoric acid plant storage area scrubber will be sampled for fluoride. Test procedures will be EPA reference methods 1, 2, 3, 4, 13A or 13B as published in 40 CFR 60, Appendix A, dated July 1, 1978 or by any other State approved methods. DER will be notified 30 days in advance of the compliance test. The test will be conducted at permitted production capacity +10%.
6. The applicant will demonstrate compliance with the conditions of the construction permit and submit a complete application for an operating permit to the Tampa District office prior to 90 days of the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until the expiration date or issuance of an operating permit.
7. Upon obtaining an operating permit, the applicant will be required to submit periodic test reports on the actual operation and emissions of the facility. These reports will give emission test data, emission test results, scrubber parameters (pressure drop and water flow) and phosphoric acid production.


Jacob D. Varn, Secretary

Expiration Date: September 30, 1980

Issued this 24 day of December, 1980.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION