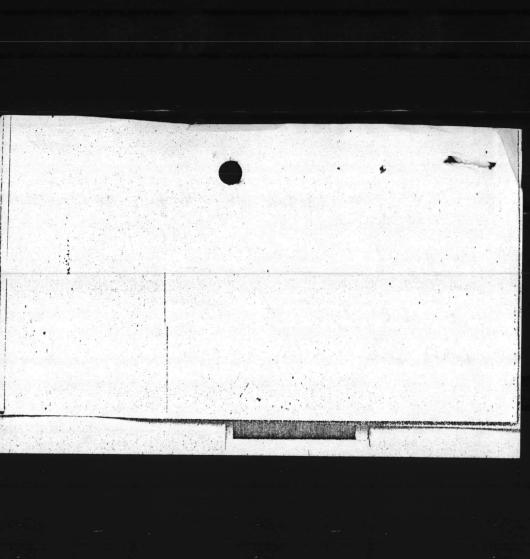
Make a Copy for thy file charles one for LANT DIV Thompson Twylabe, . Thompson as one for 1982 update ni Put oct 1, your file gull fort



James B. Hunt, Jr., Governor

Howard N. Lee, Secretary

DIVISION OF ENVIRONMENTAL MANAGEMENT

July 31, 1981

D.B. Barker
Major General, U.S. Marine Corps
Commanding
Marine Corps Base
Camp Lejeune, North Carolina 28542

Subject:

Permit No. 3769R3 Marine Corps Base

Camp Lejeune, North Carolina

Dear General Barker:

In accordance with your application received June 22, 1981, we are forwarding herewith Permit No. 3769R3 to Marine Corps Base, Camp Lejeune, North Carolina for the construction and/or operation of air pollution abatement facilities and/or emission sources.

If any parts, requirements, or limitations contained in this permit are unacceptable to you, you have the right to an adjudicatory hearing before a hearing officer upon written demand to the Director within thirty (30) days following receipt of this permit, identifying the specific issues to be contended. Unless such demand is made, this permit shall be final and binding.

This permit shall be effective from the date of issuance until October 1, 1982, is nontransferable to future owners and operators, and shall be subject to the conditions and limitations as specified therein.

Sincerely

Charles Wakild

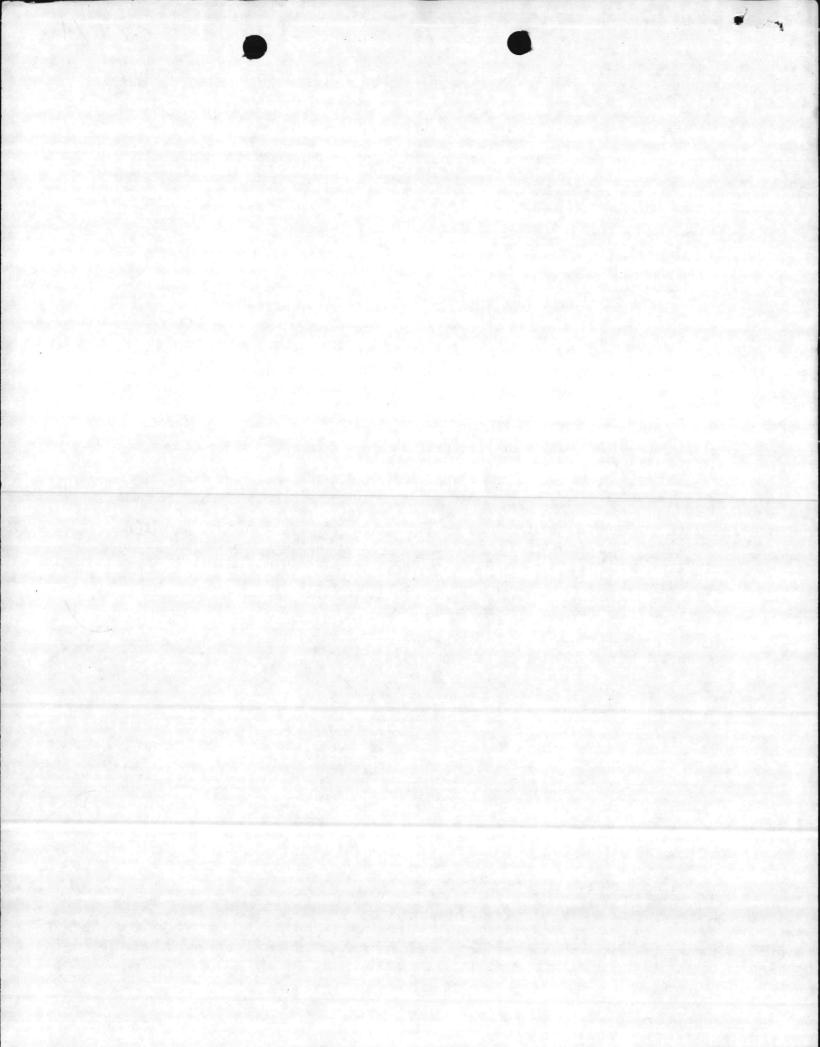
Regional Supervisor

**Enclosures** 

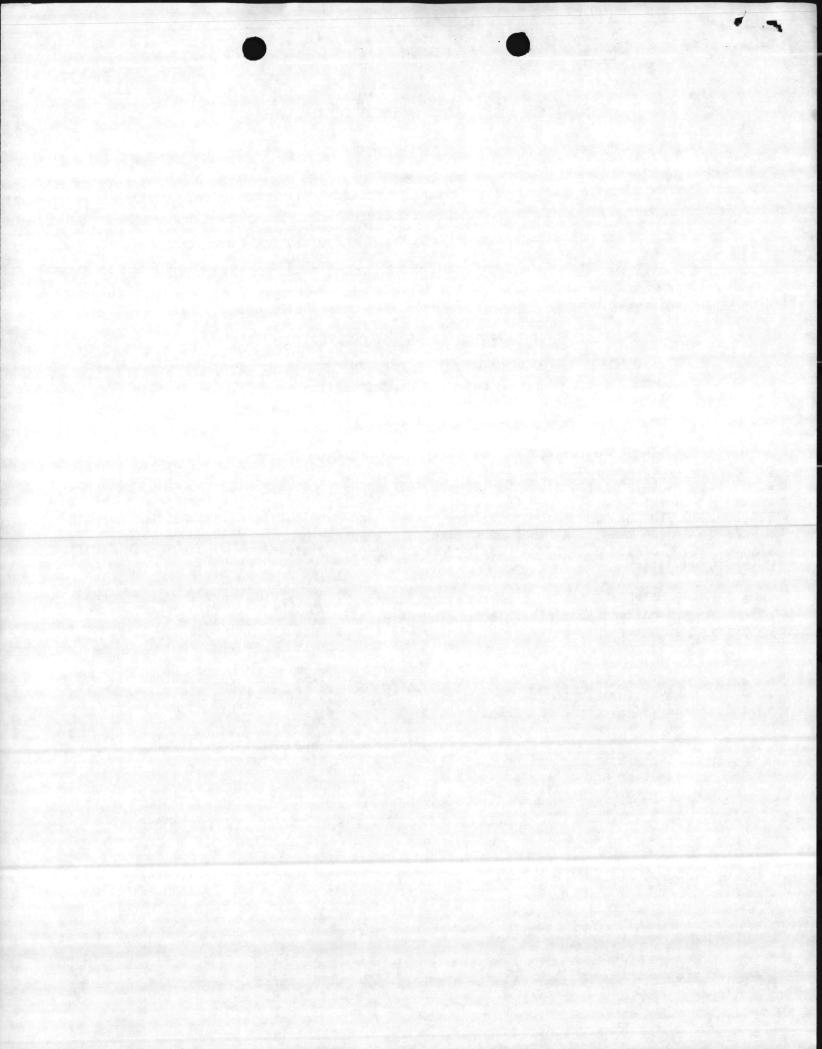
cc: Mike Sewell

Robert Jamieson Wilmington Regional Office

Central Files



NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION DEPARTMENT OF NATURAL RESOURCES & COMMUNITY DEVELOPMENT Raleigh PERMIT For the Discharge of Air Contaminants Into the Atmosphere In accordance with the provisions of Article 21B of Chapter 143, General Statutes of North Carolina as amended, and other applicable Laws, Rules and Regulations, PERMISSION IS HEREBY GRANTED TO Marine Corps Base Camp Lejeune, North Carolina FOR THE operation of a No. 6 oil fired boiler (121  $\times$  10 $^6$  BTU per hour heat input) and air cleaning devices and appurtenances consisting of two single stage, dry type electrostatic precipitators (plate area of 36,540 square feet each) in series with two multicyclones installed on the exhausts from four coal/No. 6 oil-fired boilers (maximum heat input of 114,500,000 BTU per hour each) to remove visible and particulate emissions, and for the discharge of the treated air and associated stack gases into the outdoor atmosphere at its facility located at Central Heating Plant, Hadnot Point, Camp Lejeune, North Carolina, Onslow County. in accordance with the application received June 22, 1981, and in conformity with the plans, specifications, and other supporting data, all of which are filed with the Department of Natural Resources & Community Development and are incorporated as part of this Permit. This Permit shall be effective from the date of its issuance until October 1, 1982, is nontransferable to future owners and operators, and shall be subject to the following specified conditions and limitations: The air cleaning devices shall be properly operated and maintained at all times in such a manner as to effect an overall reduction in air pollution in keeping with the application and otherwise to reduce air contamination to the extent necessary to comply with applicable Environmental Management Commission Regulations, including 15 NCAC 2D .0503, .0516, and .0521. 2. When particulate and/or visible emissions, due to a malfunction of the process or control equipment, are or may be in excess of Environmental Management Commission Regulations, the Regional Supervisor, Wilmington Region 919-256-4161, of the Division of Environmental Management shall be notified as promptly as possible but in no case later than twelve (12) hours following the start of such malfunction.



Such notice shall specify the nature and cause of the malfunction, the time when such malfunction was first observed, the expected duration, and an estimate of the rate of emission. The term malfunction shall not be construed to include start-up or shut-down periods when particulate, visible, or odorous emissions exceed Environmental Management Commission Regulations when the duration of such period is less than one hour. Furthermore, any period of duration one hour or greater when particulate, visible, or odorous emissions exceed Environmental Management Commission Regulations shall be construed as a malfunction.

- 3. Reports on the operation and maintenance of the facilities shall be submitted to the Division of Environmental Management at such intervals and in such form and detail as may be required by the Division. Information required in such reports may include, but is not limited to, process weight rates, firing rates, hours of operation, and preventive maintenance schedules.
- 4. Marine Corps Base, Camp Lejeune, at least ninety (90) days prior to the expiration of this Permit, shall request its extension by letter. The letter should include the permit number and a description of modifications, if any, that have been made.
- 5. This permit is subject to revocation or modification upon a determination that information contained in the application or presented in support thereof is incorrect, conditions under which the permit renewal was granted have changed, or violations of conditions contained in the permit have occurred.
- 6. A violation of any term or condition of this Permit shall subject the Permittee to enforcement procedures contained in North Carolina General Statutes 143-215.114, including assessment of civil penalties.

Permit issued this the 31st day of July, 1981.

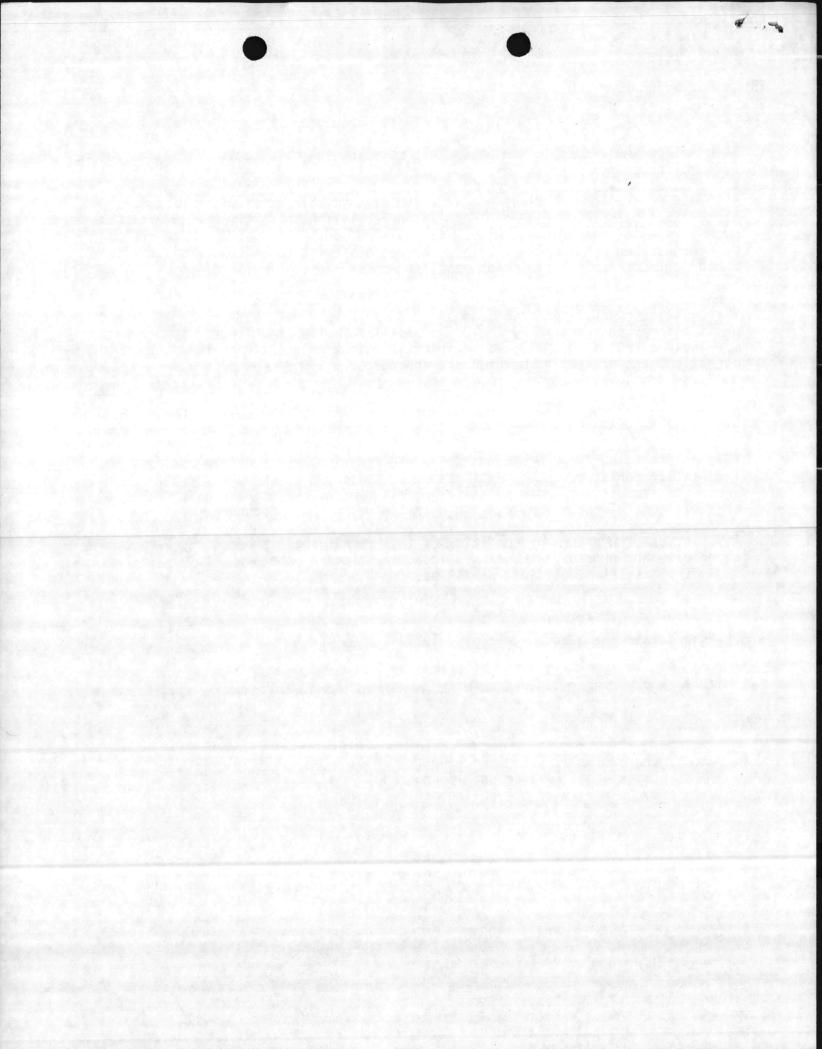
NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

Charles Wakild, Regional Supervisor Division of Environmental Management

LWall

By Authority of the Environmental Management Commission

Permit No. 3769R3



ack 7/17/81 nec



#### UNITED STATES MARINE CORPS MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA 28542

IN REPLY REPER TO MAIN/TH/rn 13700 1 7 JUN 1981

Mr. Charles Wakild Regional Supervisor Department of Natural Resources and Community Development Division of Environmental Management 7225 Wrightsville Avenue Wilmington, NC 28403

Dear Mr. Wakild:

In accordance with North Carolina Administrative Code, Title 15, Chapter 2, Subchapter 2H, Section .0603, application is hereby made for renewal of Permit No. 3822, covering the operation of a No. 6 oil-fired boiler (121  $\times$  106 BTU per hour heat input) and appurtenances, and for the discharge of the associated stack gases in the Hadnot Point area of Camp Lejeune.

No modifications or alterations have been made to the permitted boiler subsequent to the issuance of the original permit. Repair work that has been made in the boiler room includes replacement of a stop-check valve. expansion loop, and header stop valve in the steam discharge line between the boiler and the plant steam header, which in no way alters the operating parameters of the boiler.

If you have any further question on this matter, please contact Mr. Danny Sharpe, Base Maintenance Department, telephone (919) 451-5003.

Sincerely,

Major General, U. S. Marine Corps

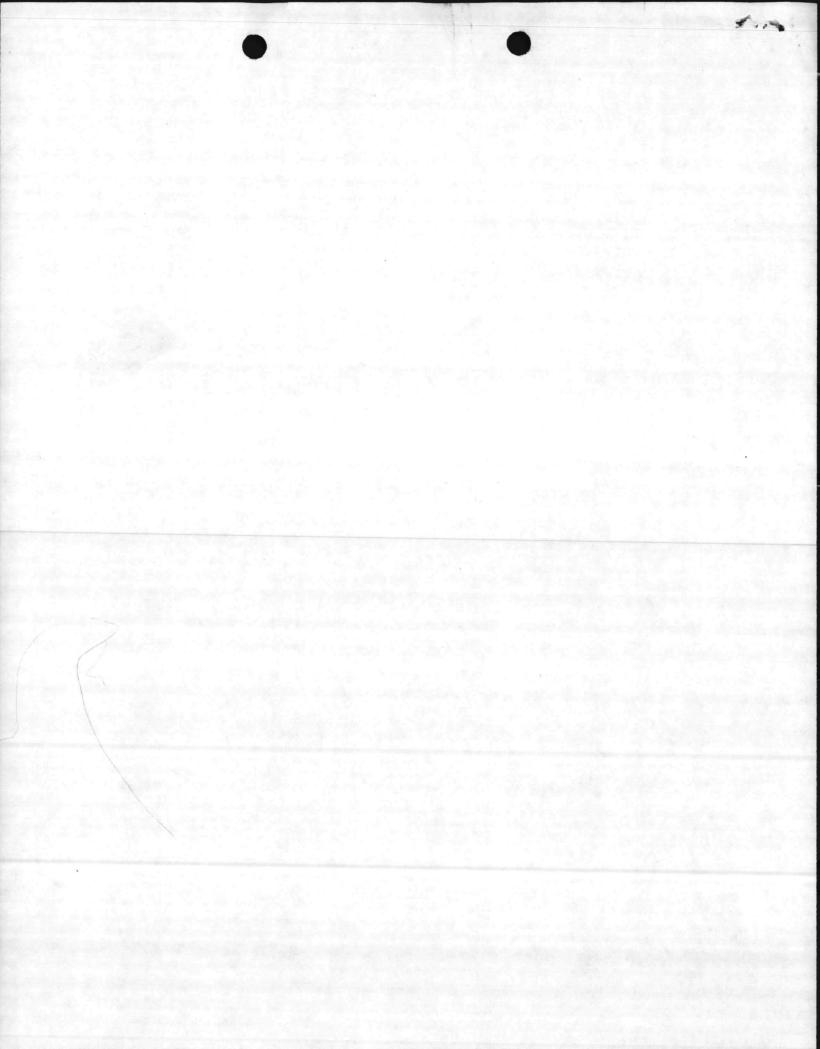
Commanding General

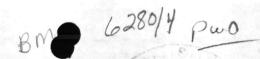
Bill, ackholidge receipt. Combine with family for 4 coal bailers and specifig location; ie, Central Hoting Plant, Fis \_\_ St. Hadnot

Paint, Camp Lig. , Onslow Co.

. 1931

WILMINGTON RECIONAL OFFICE DEM







James B. Hunt, Jr., Governor

Joseph W. Grimsley, Secretary

DIVISION OF ENVIRONMENTAL MANAGEMENT

June 23, 1982

T COUTING ORDER INT

Mr. K. P. Millice, Jr. United States Marine Corps Camp Lejeune, NC 28542

Dear Colonel Millice:

This is to acknowledge receipt of an Air Permit application on June 22, 1982, for U.S. Marine Corps Central Heating Plant, Hadnot Point, Camp Lejeune, North Carolina, Onslow County.

This application is being processed and reviewed by the Wilmington Regional office. If you have any questions concerning this matter, please contact that office at (919)256-4161.

Sincerely,

Mike Sewell

Mike Sewell, Supervisor Air Permits

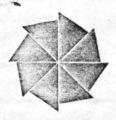
MS/dg

cc: Mr. Chuck Wakild

Copy sent to Util , 2 July 82

MI.Ke





James B. Hunt, Jr., Governor

Howard N. Lee, Secretary

May 8, 1978

F. W. Tief, Commanding General Marine Corps Base Camp Lejeune, North Carolina 28542

Dear General Tief:

Subject: Permit No. 3769

Marine Corps Base

Camp Lejeune, North Carolina

In accordance with your application received February 17, 1978, we are forwarding herewith Permit No. 3769 to Marine Corps Base, Camp Lejeune, North Carolina for the construction and operation of air cleaning devices and appurtenances consisting of two single stage, dry type electrostatic precipitators (plate area of 36,540 square feet each) in series with two multicyclones installed on the exhausts from four coal/No. 6 oil-fired boilers (maximum heat input of 140,000,000 BTU per hour each) to remove visible and particulate emissions, and for the discharge of the treated air and associated stack gases into the outdoor atmosphere at its facility located at Camp Lejeune, North Carolina, Onslow County.

This Permit shall be effective from the date of its issuance until July 1, 1982, is nontransferable to future owners and operators, and shall be subject to the conditions and limitations as specified therein.

One set of the Permit Application containing plans and specifications is being returned to you with this letter.

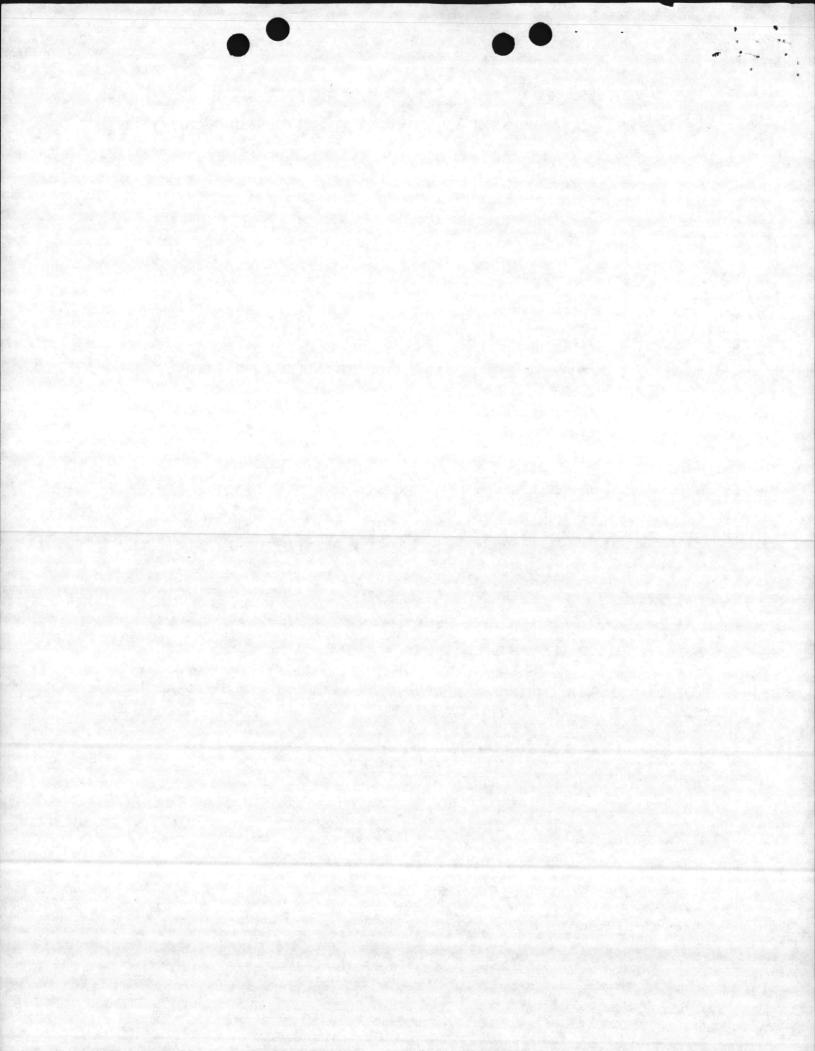
Sincerely,

MA. F. McRorie, Acting Director

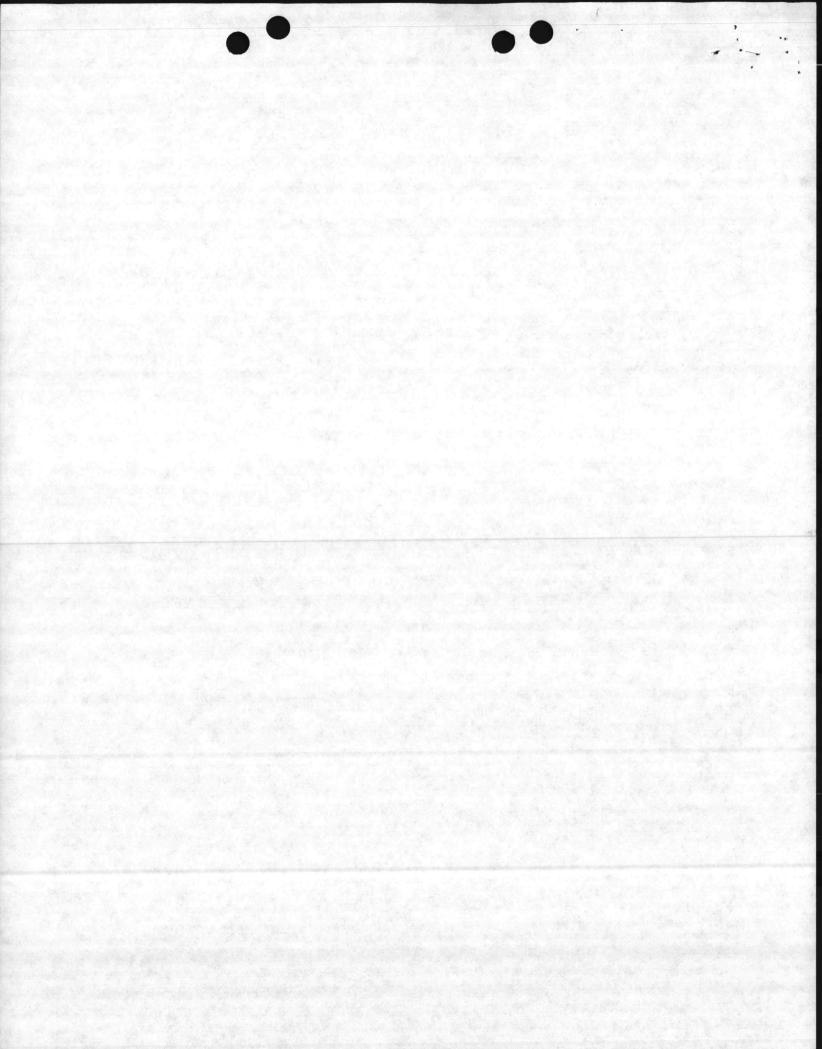
Division of Environmental Management

JHL:db

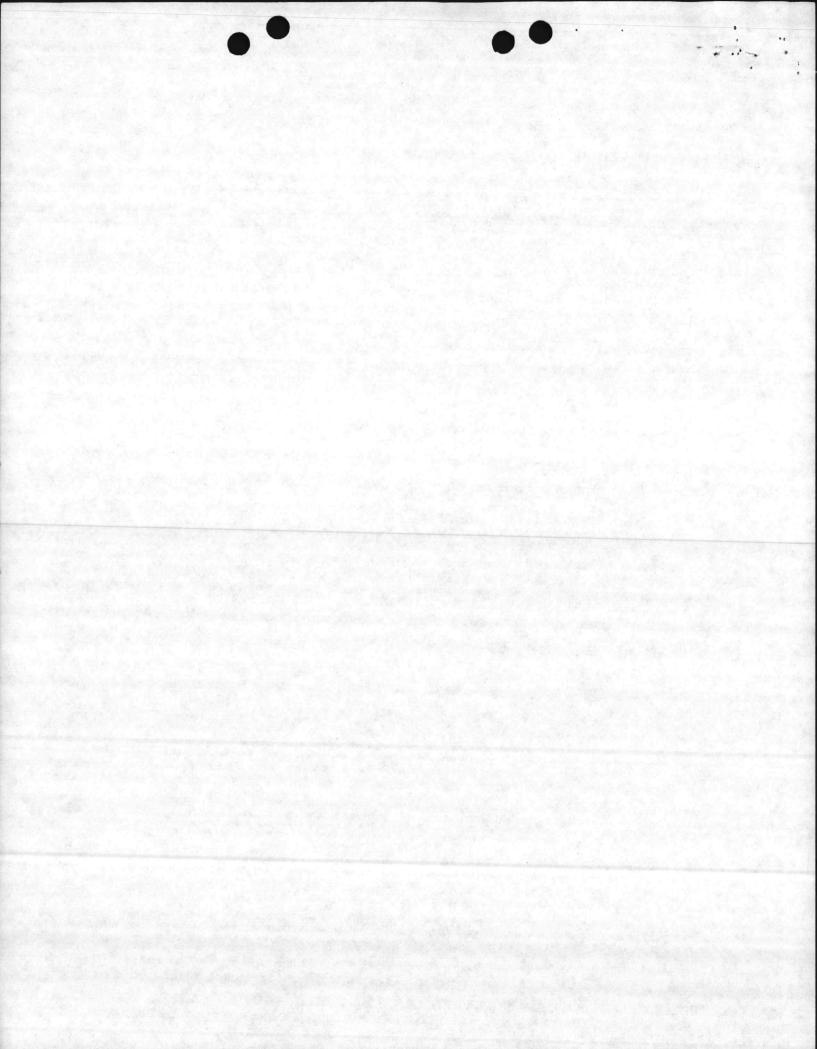
**Enclosure** 



NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION DEPARTMENT OF NATURAL RESOURCES & COMMUNITY DEVELOPMENT Raleigh PERMIT For the Discharge of Air Contaminants Into the Atmosphere In accordance with the provisions of Article 21B of Chapter 143, General Statutes of North Carolina as amended, and other applicable Laws, Rules and Regulations, PERMISSION IS HEREBY GRANTED TO Marine Corps Base Camp Lejeune, North Carolina FOR THE construction and operation of air cleaning devices and appurtenances consisting of two single stage, dry type electrostatic precipitators (plate area of 36,540 square feet each) in series with two multicyclones installed on the exhausts from four coal/No. 6 oil-fired boilers (maximum heat input of 140,000,000 BTU per hour each) to remove visible and particulate emissions, and for the discharge of the treated air and associated stack gases into the outdoor atmosphere at its facility located at Camp Lejeune, North Carolina, Onslow County, in accordance with the application received February 17, 1978, and in conformity with the plans, specifications, and other supporting data, all of which are filed with the Department of Natural Resources and Community Development and are incorporated as part of this Permit. This Permit shall be effective from the date of its issuance until July 1, 1982, is nontransferable to future owners and operators, and shall be subject to the following specified conditions and limitations: This Permit shall become voidable unless the air cleaning devices are constructed 1. in accordance with the approved plans, specifications and other supporting data and are completed and placed in operation on or before April 30, 1979, or as this date may be amended by provision of a subsequent Special Order or Permit issued by the Environmental Management Commission. The air cleaning devices shall be properly operated and maintained at all times in such a manner as to effect an overall reduction in air pollution in keeping with the application and otherwise to reduce air contamination to the extent necessary to comply with applicable Environmental Management Commission Regulations, including 15 NCAC 2D .0503, .0516 and .0521.



Permit No. 3769 Page 2 Reports on the operation and maintenance of the facilities shall be submitted 3. to the Division of Environmental Management at such intervals and in such form and detail as may be required by the Division. Information required in such reports may include, but is not limited to, process weight rates, firing rates, hours of operation, and preventive maintenance schedules. A violation of any term or condition of this Permit shall subject the Permittee to 4. enforcement procedures contained in North Carolina General Statutes 143-215.114, including assessment of civil penalties. Permit issued this the 8th day of May, 1978. NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION F. McRorie, Acting Director Division of Environmental Management By Authority of the Secretary of the Department of Natural Resources & Community Development Permit No. 3769



NORTH CAROLINA

ENVIRONMENTAL MANAGEMENT COMMISSION

RALEIGH

RECOFEB 17 1978

APPLICATION FOR

A "PERMIT"

TO CONSTRUCT AND OPERATE AIR

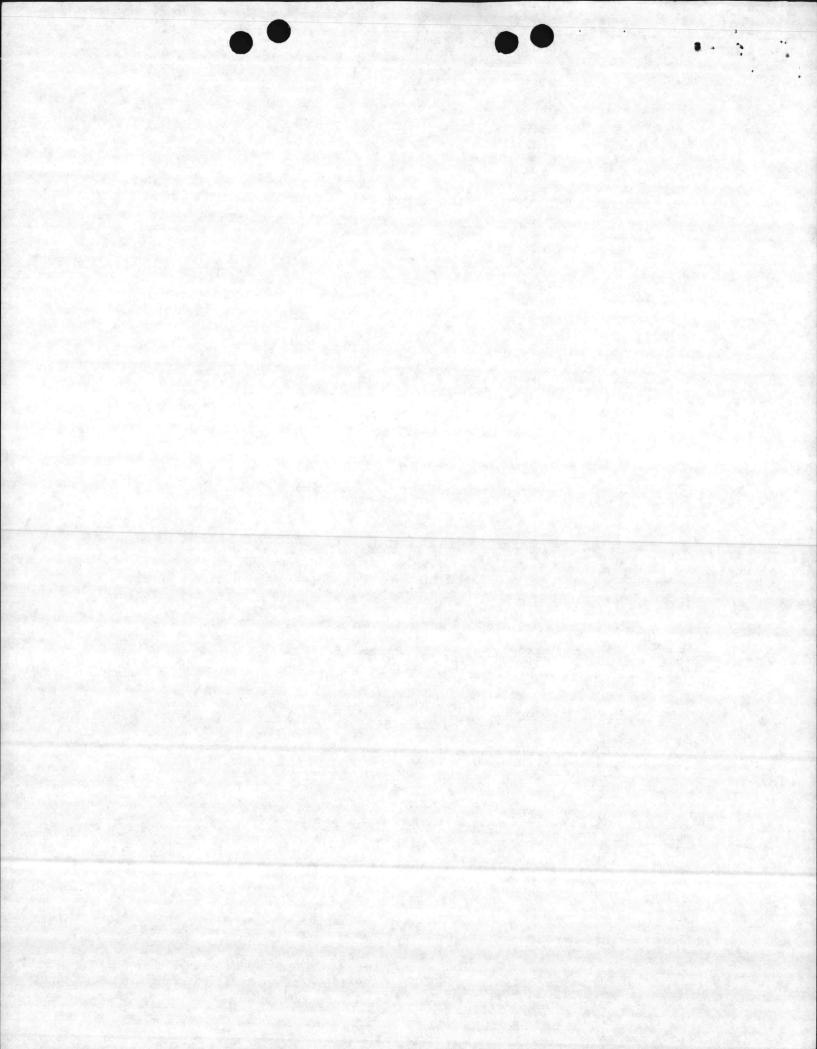
POLLUTION ABATEMENT FACILITIES AND/OR EMISSION SOURCES

Filed By: Brigadier General F. W. Tief (Name)

Marine Corps Base
(Address)

Camp Lejeune, North Carolina

AQ-22 Rev. 11/73

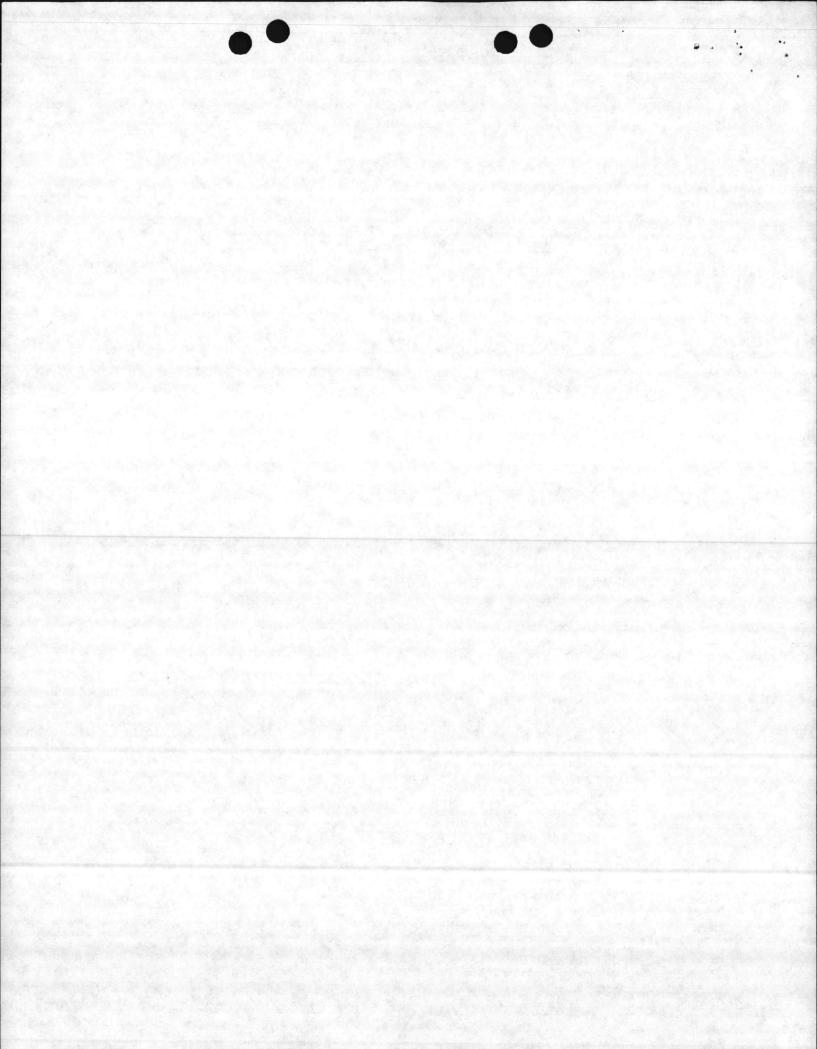


## To Construct and Operate Pollution Abatement Facilities and/or Emiline Sources Three Copies to be Submitted Fourth Copy Should be Retained by Applicant

2 d 2 d		Par	2	5	1		25	761	
		1	-	19	1	17	19	100	
		8	-	in the	1	2	300		
	Date:								

	Date:
In	accordance with the provisions of Article 21 of Chapter 143, General Statutes of North Carolina as amended, application
is	hereby made by Marine Corps Base, Camp Lejeune (Name of Company, Establishment, Town, Etc.) (Include Division or Plant Name in Addition to Parent
=-	in the County of Onslow at Jacksonville, N. C.  (Street and City or Town Address of Plant or Facility) r issuance of a "Permit" to construct and operate air pollution abatement facilities and/or emissions sources at above cation as specified in the accompanying drawings, specifications, and other pertinent data:
1.	Nature of Operation Conducted at the Above Facility: Military operations
2.	Description of Process(es) Whose Emission(s) is/are to be Controlled by the Facility or Source(s) Which is/are to be Constructed or Altered. (Complete Section I)
	coal fired steam plant
3.	Furnish Type and Narrative Description of Proposed Control Device(s).(Complete Appropriate Supplemental Data Sheets for Control Device to be Installed and/or Operated. Include Make and Model Number of Control Device(s) and Number of Identical Units).
	two single stage, dry type, electric static precipitators
4.	Contaminant Weight Rate of Emissions (lb/hr): Control Efficiency (%):  Emitted: Without Control Device With Control Device Without Control Device With Control Device
	particulate 565 28 77.5% 96%
5.	Name and Address of Engineering Firm that Prepared Plans: Noonan, Inc. of South Carolina, Greenville, South Carolina
6	Ultimate Disposition of Collected Pollutants: 7. Date on Which Facilities are to be Completed and in Operation:
	sanitary landfill on base April 19 79
s	Indicate Period of Time for Which Facilities 9. Estimate Cost of Air Pollution Control Device \$2,700,000
P:	Brigadier General F. W. Tief  Mailing Address: Marine Corps Base
•	(Responsible Individual of Company Purchasing/ Operating FacilityPLEASE PRINT)  Camp Lejeune
	North Carolina 28542
	451 5002
S	ignature and Title: TW 1451-5003  F. W. TIEF  Telephone Number: 451-5003
	Commanding General

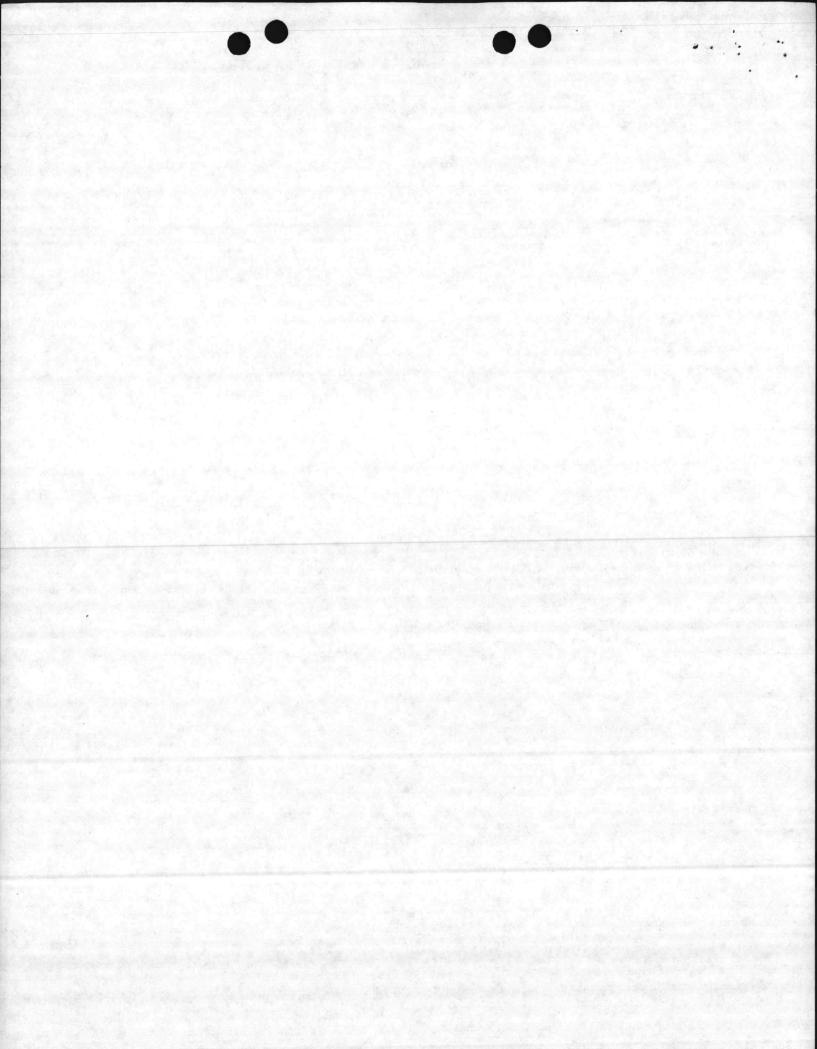
AQ-22 Rev. 11/73



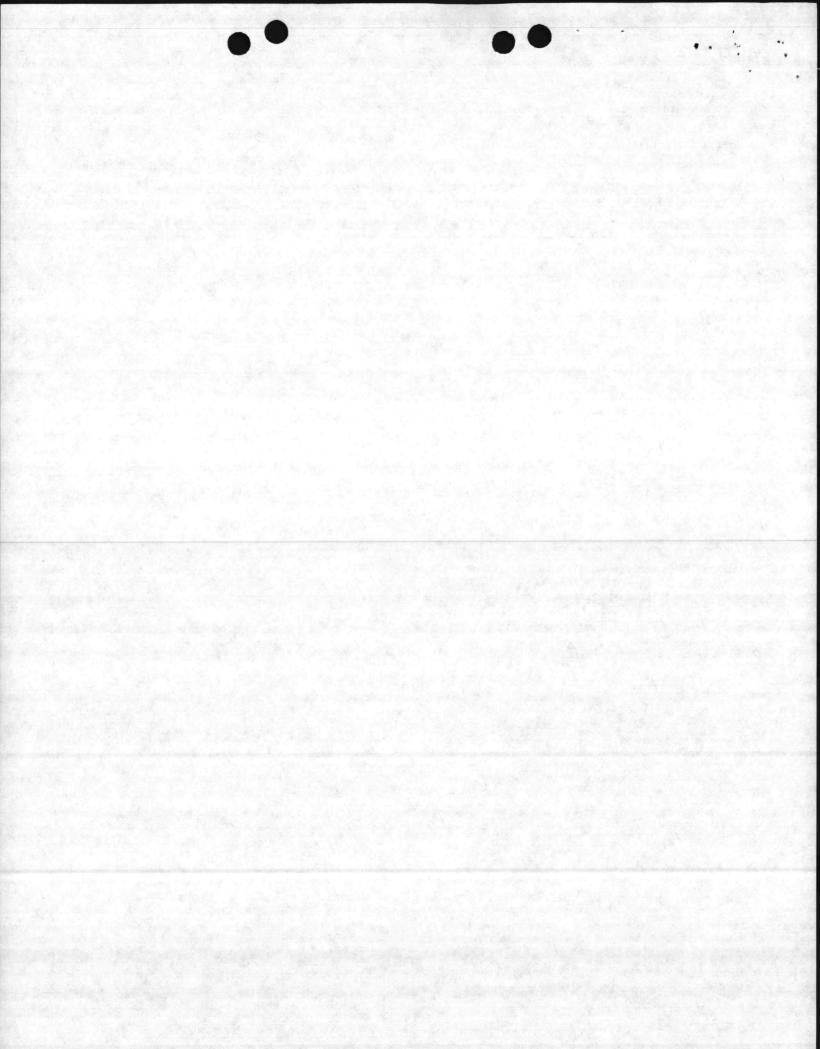
\*Attack detacted process engineering drawings, equipment drawings and flow diagrams for the process(es) or source(s) being constructed or aftered.

Name of Process: coal fired steam plant
Total Weight of Materials Entering this Process: 20,722 lb/hr or ton/hr per 2 boilers
Volume and Temperature of Air Flow Entering Control Device: 97,300 CFM @ 355 °F Volume and Temperature of Effluent at Discharge Point to Atmosphere: 97,300 CFM @ 355 °F Pollutant(s) to be Controlled: particulate matter Height of Process Stack or Vent Above Ground Level 120 ft. Inside area of Stack 33.2 ft <sup>2</sup> .  Particulate Emission Rate (Before Control) 565 lb/hr per 2 boilers
Particle Size Distribution: x0x5p 0-10p 75%, 10-20p %, 20-30p %, 30-40p %, 40-50p %,>50p %
Gaseous Emission(s): Name (Chemical Formula) µg/m³, PPM or 1b/hr sulfur dioxide 415 per 2 boilers
(max. expected sulfur dioxide) (535 per 2 boilers)  II. SUPPLEMENTARY DATA FOR INCINERATORS (Including Conical Incinerators)
Circle Type of Waste or Indicate Composition: Type O Type I Type II Type III Type IV
Combustible: % Non-Combustible: % Moisture: % Heat Value: BTU/lb
Total Waste Generated Per Day: lb. Hours Incinerator will be Operated: hrs/day
Design Capacity for Above Waste:lbs/hr Manufacturer and Model Number; Approximate Cost:
Primary Chamber Volume:ft.3 Secondary Chamber Volume:ft.3  Air Requirements: Total Excess Air % Draft: Natural Induced Other
Overfire Air: CTM Underfire Air: CTM Is there an Electronically Controlled, Exhaust Gas Temperature Modulated, Damper Installed on the
Conical Incinerator for: Overfire Air Supply, Underfire Air Supply, DomeTemperature Set Point
Is there a Continuous Exhaust Gas Temperature Recorder? Yes No Stack:
Stack: Inside Areaft. <sup>2</sup> Heightft. Gas Velocityft/sec Temperature°F Fan Capacitycfm Stack Lined?
Is there a Wet Scrubber?
Yes No Flow Rate of H <sub>2</sub> O into Scrubbergal/min Temperature Before Scrubber°F
Aux. Fuel: Oil Gas Other Burner Rating: Primary Chamber Secondary Chamber Stack
BTU/hr BTU/hr BTU/hr
Primary Burner: Is there a Preheat Timer? Yes No Preheating Time: min.
Secondary Burner or Afterburner: Is there a Timer? Yes No Length of Time Burner is Operated min.
Is the Timer Reset by Charging Door? Yes No Other Mode of Burner Control
Type of Feed: Manual Automatic If Automatic, Describe
Distance from Incinerator to Nearest Structure(s) in which People Live and/or Workft.

Signature:



Attach defrited dimensioned drawing or short strong internal features of dryers, was a confired boilers, and reservely identity. pe of Fuel Burning Source STEAM BOILERS Stack Height Above Ground Level 120 ft. Inside Area of Stack 33.2ft2 ke and Model Number RILRY Volume of Furnaces 000 ft3 ecify Actual Arount of Each Fuel Used in Above Source (XX: 21 10,365/hr; Oil Grade \_\_\_\_ Amount \_\_\_\_ gal/hr, at \_\_\_\_ STU/gal and \_\_\_\_ lb/gal or \_\_\_\_ lb/hr od \_\_\_\_\_ lb/hr; Natural Gas \_\_\_\_\_ SCF/hr, at \_\_\_\_\_ BTU/SCF; Other \_\_ (Specify type, amount and heating value) pecify Maximum Rating for Each Fuel Burning Source: 120 MBTU/HR Wood \_\_\_\_ Natural Gas \_\_\_\_ Other \_\_\_ eximum Sulfur Content of Fuel 1.3 % Specify Standby Fuel OIL Maximum % Sulfur 1.81 ype of Solid Fuel Burning Equipment Used: Hand Fired \_\_\_ Spreader Stoker \_\_ Underfeed Stoker \_\_ Chain Grate \_\_ Traveling Grate Pulverizer X Cyclone Furnace Other (Specify) Specify Method and Schedule of Tube Cleaning, if Applicable: sh Content of Fuel: oal 12 % Wood % Other % Lancing Tube Blowing Schedule mission Control Equipment (Describe in Detail in Sections IV and V) ollection Device: Wet \_\_\_ Dry X Steam Injection \_\_\_ Air Injection \_\_\_ Is Collected Flyash Reinjected? NO raft on Boiler (Natural Induced X )48,650fm at 355 of otal Number of Fuel Burning Sources Within Property Boundaries: 1,869 aximum Capacity Rating, by Type, for All Fuel Burning Units Excluding that Itemized Above: (Total Like Units) bal \_\_\_\_lb/hr Wood \_\_\_\_lb/hr Oil \_\_\_\_\_gal/hr Natural Gas \_\_\_\_\_SCF/hr IV. SUPPLEMENTARY DATA FOR WET COLLECTION DEVICES \*Attach detailed engineering drawings of the control device and particle size versus removal efficiency curves. iquid Scrubbing Medium and Additives: \_ lotal Liquid Injection Rate (Include Recirculated and Make-up Rates) \_\_\_\_\_gal/min or gal/1000 ft<sup>3</sup> Operating Pressure Drop Across Device.\_\_\_\_ in H2O INSWER FOLLOWING QUESTIONS FOR SPECIFIC DEVICE: FENTURI SCURBBER: Inlet Area \_\_\_\_in<sup>2</sup> Throat Area \_\_\_\_in<sup>2</sup> Throat Velocity \_\_\_\_ft/sec RAVITY SPRAY CHAMBER: Number of Nozzles \_\_\_\_ Liquid Droplet Size \_\_\_ u Co-Current \_\_\_ Countercurrent \_\_\_ PACKED TOWER OR PLATE TOWER: WET CYCLONE: Cross-Sectional Area \_\_\_\_\_ft<sup>2</sup> Type of Plate \_\_\_\_\_ Body Diameter \_\_\_\_\_in Length \_\_\_\_\_\_in ft Depth of Packing \_\_\_\_\_ft inlet Area \_\_\_\_\_ in<sup>2</sup> Number of Nozzles \_\_\_\_ Length \_\_\_\_ Number of Plates Type of Packing Outlet Area in<sup>2</sup> OTHER WET COLLECTION DEVICES: GIVE COMPLETE DESCRIPTION INCLUDING DESIGN PARAMETERS AND DETAILED ENGINEERING DRAWINGS. Title: Signature:



\*Attack detailed engineering drawings of the control device and particle size versus remail efficiency curves. BAGHOUSES: Cloth Area ft<sup>2</sup> Bag Material Pressure - Drop Total \_\_\_\_\_\_in H<sub>2</sub>0 Number of Compartments Air-to-Cloth Ratio ft/min Method of Cleaning Time Between Cleaning mins, hrs ELECTROSTATIC PRECIPITATORS: SEE ATTACHMENT 1 GENERAL: Number of Compartments or Chambers 1 Number of Cells per Compartment 3 Electrical Field Gradient at the Discharge or Emitting Electrodes 10 KV/in Average Electrical Field Gradient at the the Grounded Collecting Electrodes 10 KV/in Fields of Treatment 3 Potential Applied to Emitting Wires 45 KV SINGLE STAGE TYPE: Distance Between Emitting Wires and Collecting Plates 4.5 Number of Isolatable Bus Sections 6 Corona Power Watts/1000 cfm TWO STAGE TYPE: Distance Between First Stage Emitting Electrodes and Field Receiver Electrodes (Ground) \_\_\_\_\_in Potential Applied to Second Stage Emitting Plates \_\_\_\_\_ KV Distance Between Second Stage Emitting Plates and Grounded Collection Plates \_\_\_\_\_\_in CYCLONES/MULTICYCLONES: Multicyclone SEE ATTACHMENT 2 Simple Cyclone Diameter unknown in Diameter \_\_\_\_\_\_in Inlet Dimensions of Individual Cyclone unknown Inlet Dimensions Outlet Dimensions of Individual Cyclone unknown Outlet Dimensions

V. SUPPLEMENTARY DATA FOR DRY COLLECTION DEVICES

OTHER DRY COLLECTION DEVICES: GIVE COMPLETE DETAILED ENGINEERING DESCRIPTION AND DRAWINGS.

Signature:

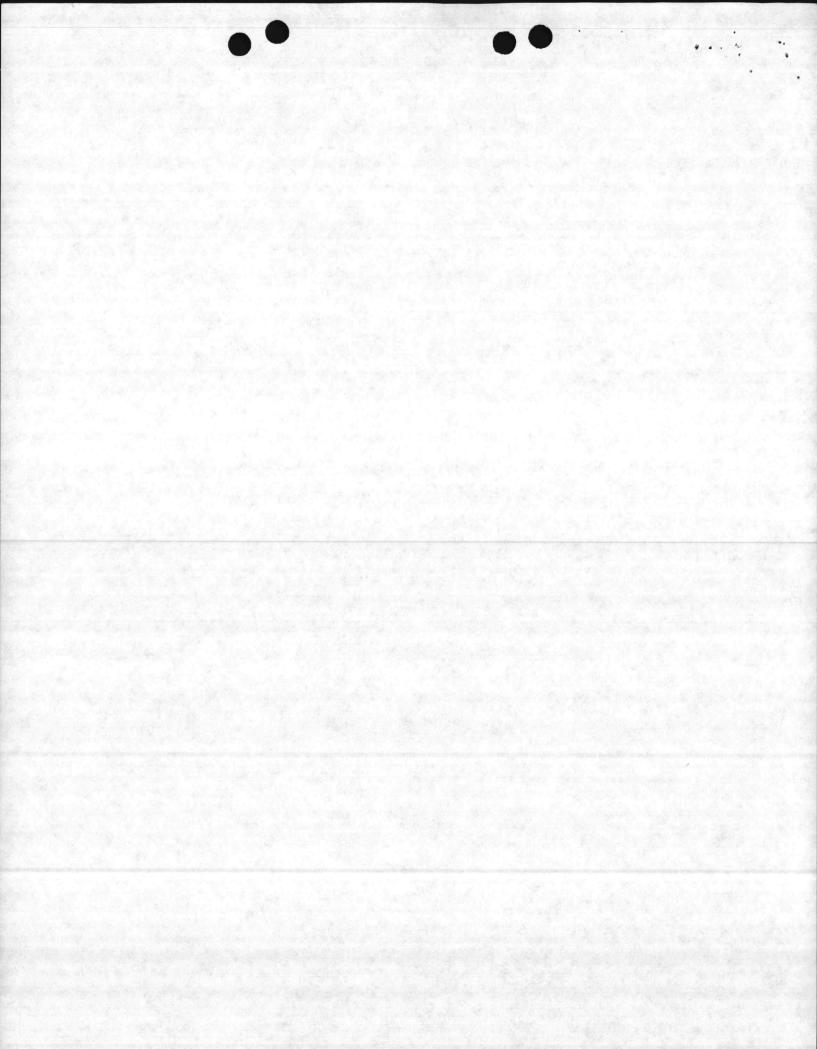
Pressure Drop \_\_\_\_\_in H<sub>2</sub>0

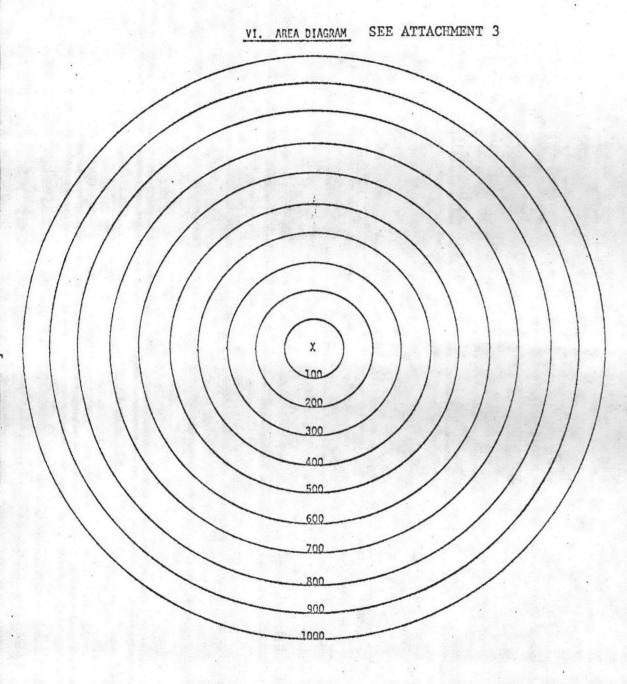
Number of Cyclones \_\_\_

Title:

Pressure Drop 2.5 in H<sub>2</sub>0

Number of Cyclones 160





Owner Marine Corps Base, Camp Lejeune

Location Jacksonville, North Carolina

[Give Street Address]

#### INSTRUCTIONS:

- Show all surrounding buildings and roads within 1000 feet of subject equipment which is located at center of circles.
- Indicate location and type of building by the use of small numbered circles with the description below.
- Show roads as lines representing the road edges.
   Indicate street names and highway numbers.
- Show wooded or cleared areas by approximate boundary lines and the words "woods", "cleared", "cornfield", etc.
- 5. Indicate direction of north by arrow.

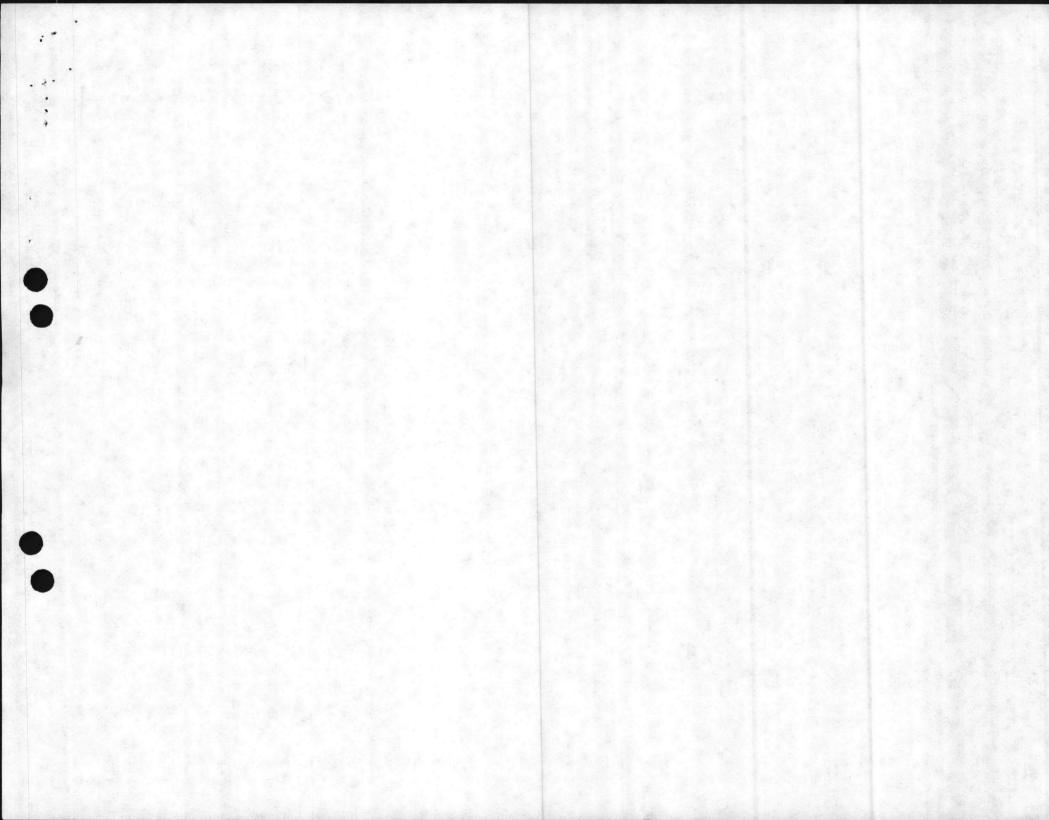
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3 4 5 6	
<ul><li>4</li><li>5</li><li>6</li><li>7</li></ul>	
(5) (6) (7)	
⑥ ⑦	
<b>①</b>	
8	
<b>(9)</b>	
0	

EXAMPLE

X Indicates location of equipment.

(1) Church

Residence





James B. Hunt, Jr., Governor

Howard N. Lee, Secretary

July 21, 1978

Certified Mail
Return Receipt Requested

Brigadier General F. W. Tief Commanding General United States Marine Corps Marine Corps Base Camp Lejeune, North Carolina

28542

Dear General Tief:

Subject: Special Order by Consent

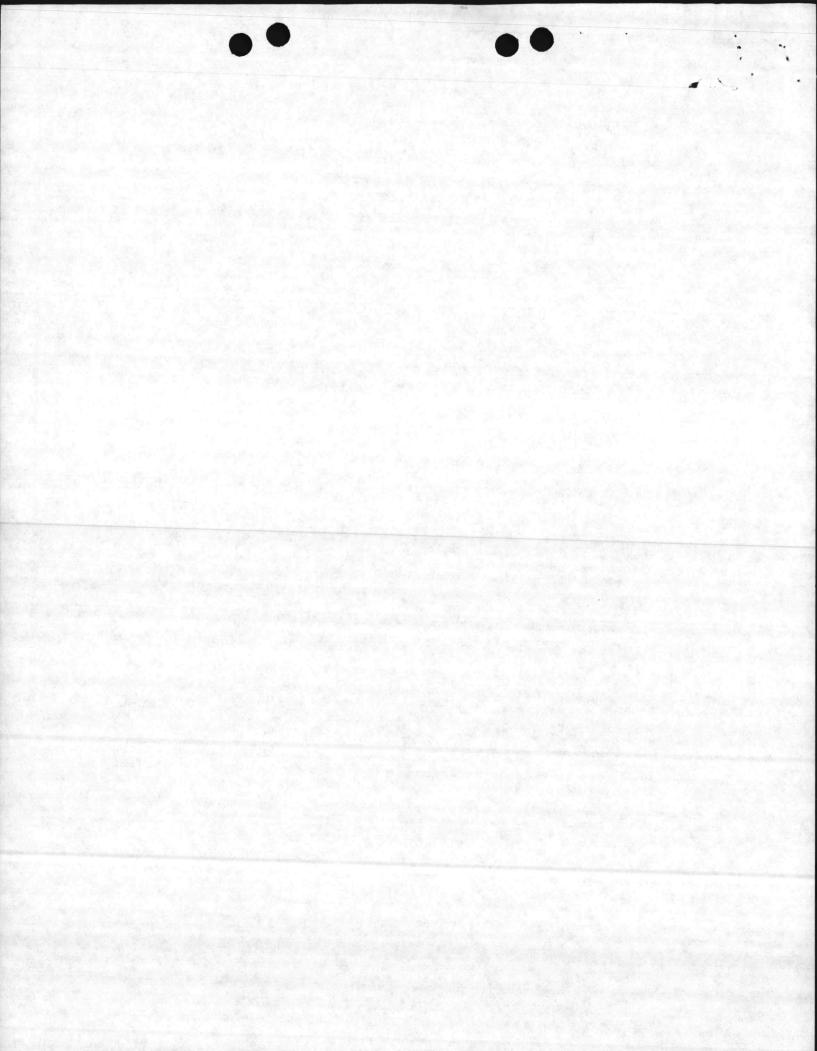
AQ-78-200

You are hereby advised that your coal-fired boilers Nos. 1, 2, 3 and 4 located at Central Heating Plant, Building 1700, Camp Lejeune Marine Corps Base, Camp Lejeune, North Carolina are being operated in violation of 15 NCAC 2D .0503, "Control of Particulates from Fuel Burning Sources." Furthermore, boilers No. 2 and 3 are being operated in violation of 15 NCAC 2D .0521, "Control of Visible Emissions".

The final date by which North Carolina sources were to be in compliance with applicable emission standards was May 31, 1975. Recognizing that not all North Carolina sources would be in compliance by May 31, 1975, the Environmental Management Commission adopted a policy which would allow certain sources to continue discharging air contaminants in violation of emission standards pursuant to an enforcement order or other enforcement procedures deemed appropriate by this Division.

Enclosed you will find a Special Order by Consent which, when executed by the United States Marine Corps and approved by the Environmental Management Commission, would allow for the orderly compliance with 15 NCAC 2D .0503 and 15 NCAC 2D .0521 by June 30, 1979. Please execute the Special Order by Consent and return the original and one copy within twenty (20) days of receipt. Should you not agree with the terms and conditions of the Order, please discuss any objections with our Regional Engineer, Mr. Wayne Cook, telephone: (919) 762-3394. If after discussing the Order with Mr. Cook you are still unable to agree to the terms and conditions of the Order, please note that you will have the opportunity to appear at an adjudicatory hearing to show cause why this Order in whole or in part should not be issued.

Also, notice of intent to issue the attached Special Order by Consent,



Page 2

Brigadier General F. W. Tief
July 21, 1978

requesting public comment on the proposed Order, will be published in the Jacksonville Daily News in accordance with the Environmental Management Commission's Policy and Federal Regulations.

Sincerely yours,

at. la brie

A. F. McRorie, Director Division of Environmental Management

AFM/el

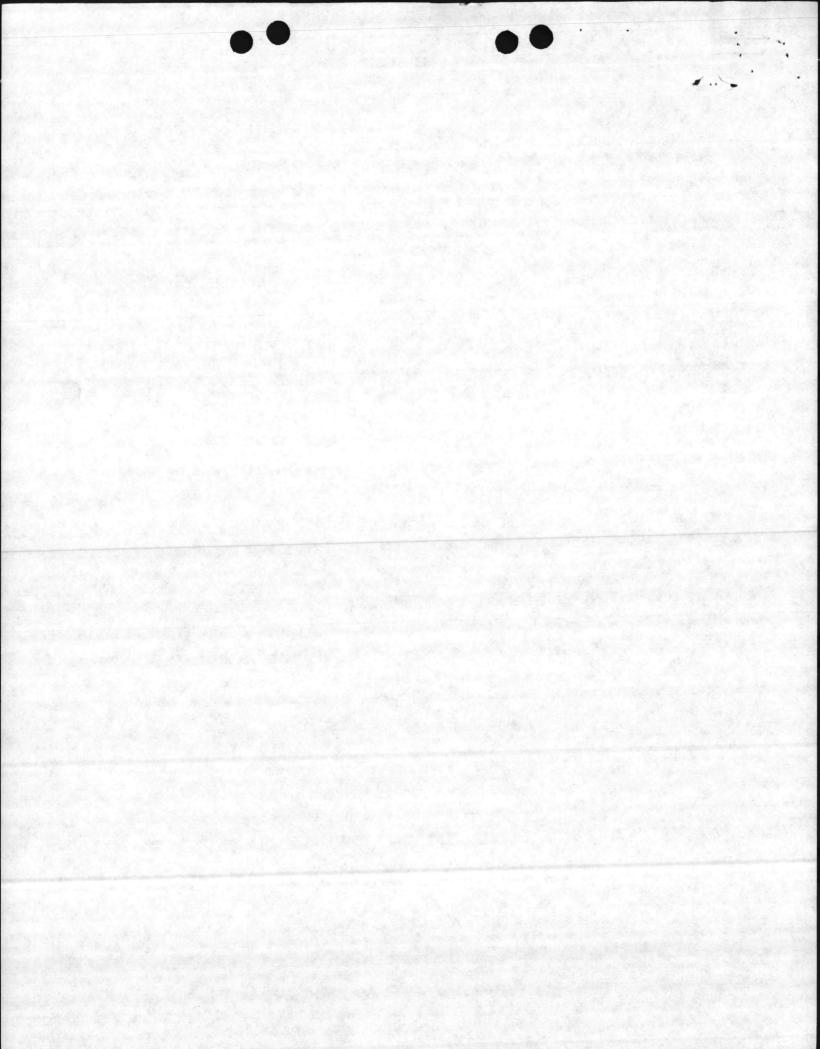
Enclosures

cc: Mr. James A. McColman

Mr. David T. Ligon

Mr. Wayne Cook

Mr. Kirt Cox





#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

#### REGION IV

345 COURTLAND STREET ATLANTA, GEORGIA 30308

EXT 50 03

JAN 13 1978

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Commanding General
United States Marine Corps
Marine Corps Base
Camp Lejeune, North Carolina 28542
DEAR CEN. F.W. TIEF
Dear Sir:

Based upon information requested from the Marine Corps Base, Camp Lejeune, North Carolina and submitted by the facility on December 21, 1976, you are hereby notified, pursuant to Section 113(a)(1) of the Clean Air Act, 42 U.S.C. \$7413(a)(1), that the U.S. Environmental Protection Agency has found the following coal-fired boilers at your facility to be in violation of North Carolina Administrative Code, Title 15, Department of Natural and Economic Resources, Chapter 2, Environmental Management, Subchapter 2D, Air Pollution Control Requirements, Section .0500, Subsection .0503, control of particulates from fuel burning sources:

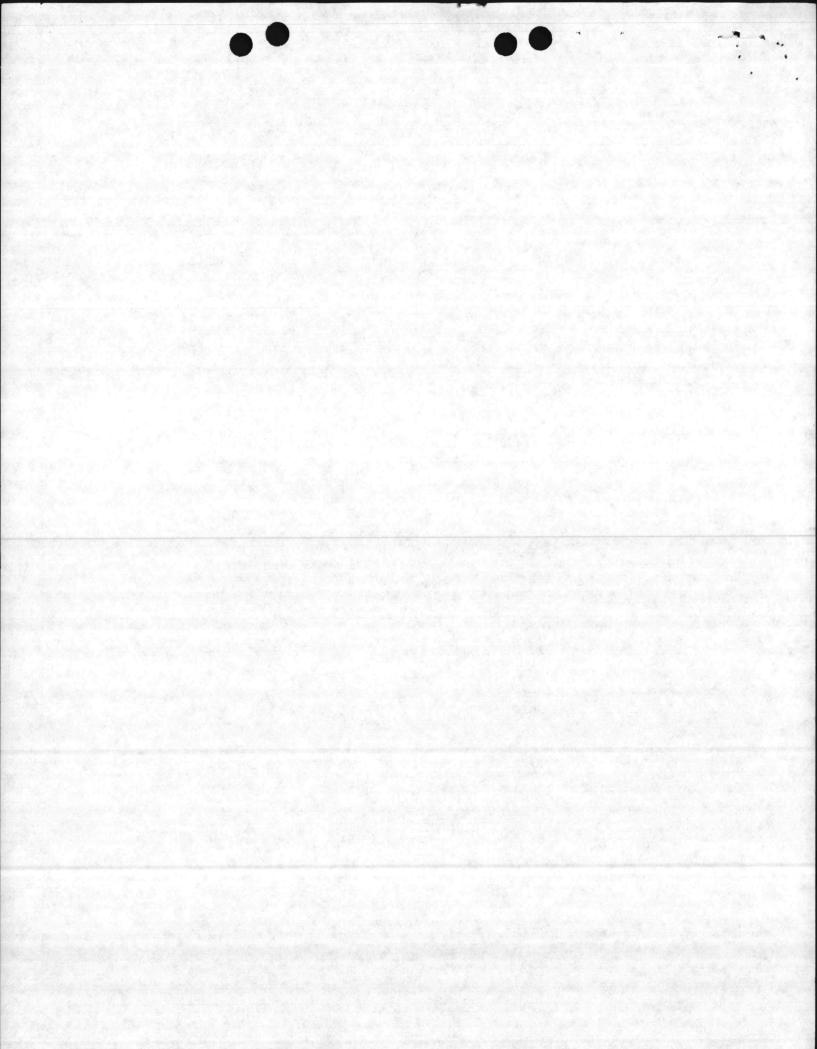
Central Heating Plant Building 1700

Boiler Nos. 1, 2, 3, and 4

Furthermore, based upon information requested and submitted by the North Carolina Department of Natural and Economic Resources, Division of Environmental Management and based on our field inspection of your facility on May 24, 1976, the U. S. Environmental Protection Agency has found the following coal-fired boilers at your facility to be in violation of North Carolina Administrative Code, Title 15, Department of Natural and Economic Resources, Chapter 2, Environmental Management, Subchapter 2D, Air Pollution Control Requirements, Section .0500, Subsection .0521, Control of Visible Emissions:

> Central Heating Plant Building 1700

Boiler Nos. 2 and 3



your compliance with the requirements of the North Carolina State Implementation Plan as expeditiously as practicable, either through the issuance of a Federally-approved Delayed Compliance Order or the commencement and successful completion of judicial action, no additional EPA involvement will be required provided expeditious compliance is, in fact, achieved.

However, should the State fail to take appropriate action, the EPA will take whatever administrative or judicial steps necessary to expeditiously bring your facility into full compliance with the applicable regulations. If your facility can achieve full compliance with the requirements of the State Implementation Plan as expeditiously as practicable but in no event later than July 1, 1979, the EPA Administrator may issue a Delayed Compliance Order to your facility pursuant to Section 113(d) of the Clean Air Act, 42 U.S.C. §7413(d). However, if the Administrator determines that judicial action would be more appropriate or that the facility cannot achieve final compliance by July 1, 1979, he shall refer the matter to the U. S. Attorney for the commencement of a civil action for injunctive relief and the assessment of civil penalties pursuant to Section 113(b) of the Act, 42 U.S.C. §7413(b) or a criminal prosecution pursuant to Section 113(c) of the Act, 42 U.S.C. §7413(c), or both.

In addition to the aforementioned sanctions, the failure of your facility to achieve final compliance with any applicable emission limitation, emission standard, or compliance schedule under the State Implementation Plan by July 1, 1979, shall result in the assessment and collection of a non-compliance penalty pursuant to Section 120 of the Act. 42 U.S.C. §7420.

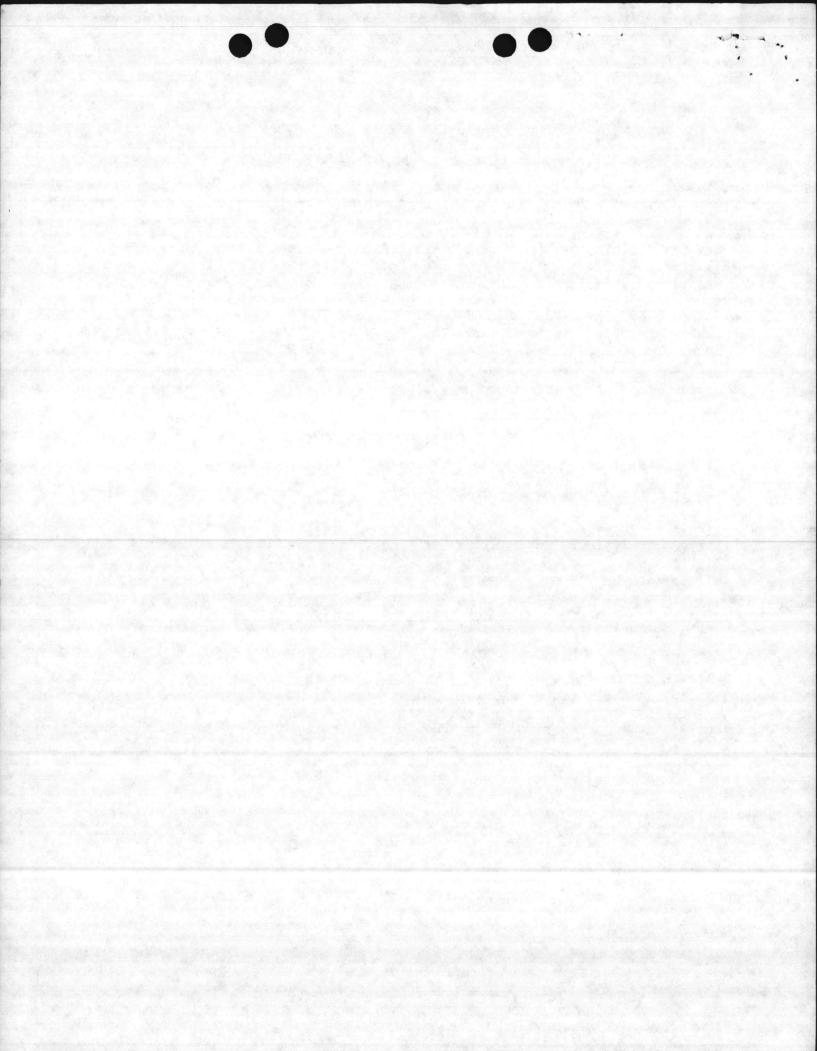
If you have any questions relating to this Notice, please feel free to contact me or Mr. Arthur G. Linton, Federal Activities Coordinator, Enforcement Division, at 404/881-2211.

Paul J. Traina

Sincerely yours,

Director Enforcement Division

cc: See Attachment



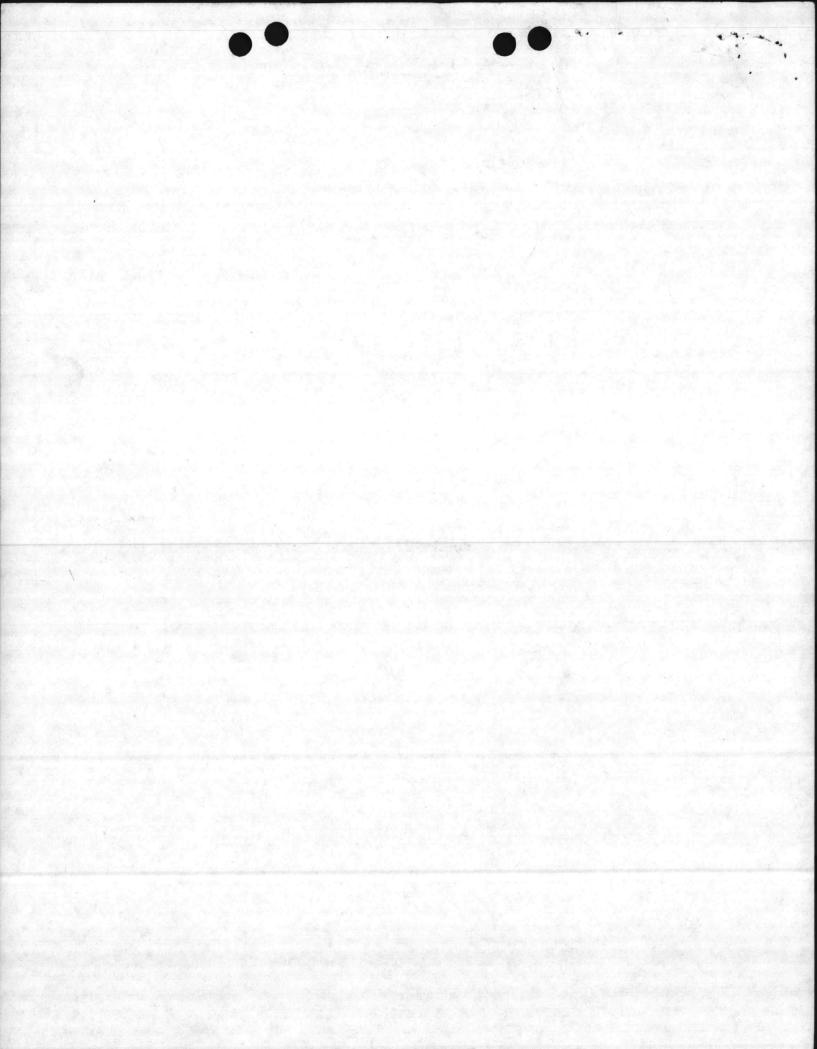
cc: North Carolina Department of Natural ...
and Economic Resources

Commander of the Navy

Commandant of the Marine Corps

EPA/OFA

Mr. W. L. Wallace



MREA Original. Jon heep. Carl





## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET ATLANTA, GEORGIA 30308

JAN 13 1978

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Commanding General United States Marine Corps Marine Corps Base Camp Lejeune, North Carolina 28542

Dear Sir:

Based upon information requested from the Marine Corps Base, Camp Lejeune, North Carolina and submitted by the facility on December 21, 1976, you are hereby notified, pursuant to Section 113(a)(1) of the Clean Air Act, 42 U.S.C. §7413(a)(1), that the U.S. Environmental Protection Agency has found the following coal-fired boilers at your facility to be in violation of North Carolina Administrative Code, Title 15, Department of Natural and Economic Resources, Chapter 2, Environmental Management, Subchapter 2D, Air Pollution Control Requirements, Section .0500, Subsection .0503, control of particulates from fuel burning sources:

Central Heating Plant Building 1700

Boiler Nos. 1, 2, 3, and 4

Furthermore, based upon information requested and submitted by the North Carolina Department of Natural and Economic Resources, Division of Environmental Management and based on our field inspection of your facility on May 24, 1976, the U. S. Environmental Protection Agency has found the following coal-fired boilers at your facility to be in violation of North Carolina Administrative Code, Title 15, Department of Natural and Economic Resources, Chapter 2, Environmental Management, Subchapter 2D, Air Pollution Control Requirements, Section .0500, Subsection .0521, Control of Visible Emissions:

Central Heating Plant Building 1700

Boiler Nos. 2 and 3

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RETURN REGELT ROOM STEE

Commanding General
Inited States Forme Corps
Marine Corps Mass
Camp Lejeune, North Carolina 28842

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based upon information requested from the laring long Rase.

Carp Lajeus. North Carolina and considered by the facility on Recent or 21, 1710, you are leady estified, one and section 135(a)(1) of the Ciean Air Fot, 62 b.s.f. \$7713(a)(1) that the time the Fredebilan Lance had found the fallowing coal-fired believe at your facility to be in interiorable of Horth Carolina Administrative Code, Title 15, Department of Jatural and Economic Resources, Chapter S. Environmental Management, Subchapter 20, Air Pollution Control Requirements.

Saction .0500 Subchapter 20, Air Pollution Control Requirements.

Contral Heating Flamb

Boiler Nos. 1 20 S. and 4

Turthermore, Sused then the restrict requested and submitted by the forthistical energy careful and Economic Resources, ivision of Environmental Alemanna and Economic Resources, sivision of Environmental Protection of your facility on May 26, 1975, the u. S. Invironmental Protection Agancy has found the following coal-timed bodiers at your facility to be in violating of Martin Carolina Activity that the Colon Islands of Martin Carolina Activity Reports Colon Title 15, the same of Matthe and Economic Necons Control Requirements.

Jaraga and Subchapter 20, Air Pollution Control Requirements.

Central Meables Plant

The above-cited regulations are part of the Federally-approved implementation plan applicable to the air quality control region in which your facility is located. These regulations were officially adopted as part of the State Implementation Plan upon approval in the May 31, 1972, Federal Register, Volume 37, at page 10884.

If the State of North Carolina initiates appropriate action within thirty (30) days after receipt of this Notice to ensure your compliance with the requirements of the North Carolina State Implementation Plan as expeditiously as practicable, either through the issuance of a Federally-approved Delayed Compliance Order or the commencement and successful completion of judicial action, no additional EPA involvement will be required provided expeditious compliance is, in fact, achieved.

However, should the State fail to take appropriate action, the EPA will take whatever administrative or judicial steps necessary to expeditiously bring your facility into full compliance with the applicable regulations. If your facility can achieve full compliance with the requirements of the State Implementation Plan as expeditiously as practicable but in no event later than July 1, 1979, the EPA Administrator may issue a Delayed Compliance Order to your facility pursuant to Section 113(d) of the Clean Air Act, 42 U.S.C. §7413(d). However, if the Administrator determines that judicial action would be more appropriate or that the facility cannot achieve final compliance by July 1, 1979, he shall refer the matter to the U.S. Attorney for the commencement of a civil action for injunctive relief and the assessment of civil penalties pursuant to Section 113(b) of the Act, 42 U.S.C. §7413(b) or a criminal prosecution pursuant to Section 113(c) of the Act, 42 U.S.C. §7413(c), or both.

In addition to the aforementioned sanctions, the failure of your facility to achieve final compliance with any applicable emission limitation, emission standard, or compliance schedule under the State Implementation Plan by July 1, 1979, shall result in the assessment and collection of a non-compliance penalty pursuant to Section 120 of the Act, 42 U.S.C. §7420.

If you have any questions relating to this Notice, please feel free to contact me or Mr. Arthur G. Linton, Federal Activities Coordinator, Enforcement Division, at 404/881-2211.

Paul J. Traina

Sincerelly yours,

Director

Enforcement Division

cc: See Attachment

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The above sited regulations are part of the feer lly approved implementation plan conficable to the dir duality congroid region in which your facility is located. These requisions where the director is acopied as earth of the tate implementation than under approval in the may di, 1972. Federal Register, Vernue 37s & the nace 10834.

If the State of North Carolina initials appropriate contents of thin thirty (30) days after receipt of the police to assure your compliance with the requirements of the Murth Carolina at the implementation Plan as expeditionally as practicable ceither terroughine assumed of a sequence of a lederally approved Delayed Gauglin as Order or whe commencement and successful completion of Multiple action, he addictor to fact, achieved.

However, should be State fail to this appropriate notions the EPA will take whatever as a creation of judicial stores necessary to expeditiously bring your facility into full compliance with the applicable regulations. If your radility can achieve full compliance with the requirements, or the State Indemnity can capture flow as extentiously as brackicable but in a event later than July 1, 1979 that EPA Administrator have issue a Nelaved Compliance Order to your facility pursuent to Section 115(d) of the Clean in Set, 42 U.S.C. \$7415(d). However, if the Administrator retermines that judicial action would be more appropriate or that the properties and the action would be more appropriate activity cannot schieve final compliance by July 1, 1979 he shall refer the matter as that S. Attorney for the commencement of a civil action for infunction pursuent to Section 113(d) of the Act. 42 U.S.C. \$7413(b) or a criminal presention pursuent to Section 113(d) of the Act. 42 U.S.C. \$7413(b)

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If you have any questions relating to this Notice, plasse feel free to contact he or Mr. Artuge G. Linton, Federal Activities Comportinatory Enforcement Division, at 4044881-2212.

Sincerelly wears,

Paul J. Tryling

Director

cc: North Carolina Department of Natural and Economic Resources

Commander of the Navy

Commandant of the Marine Corps

EPA/OFA

Mr. W. L. Wallace

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Commendam of the Navy

Commandant of the Harine Corps

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Mr. W. L. Wallace



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N. C. PB. 628420

Colonel K. P. Millice, Jr. United States Marine Corps Marine Corps Base MAIN/FEC/rn Camp Lejeune, NC 28542

