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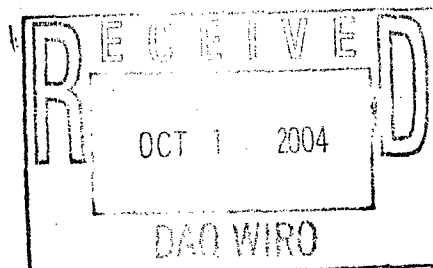
A Joint Venture of GE, Toshiba, & Hitachi

Global Nuclear Fuel - Americas, LLC
3901 Castle Hayne Road, Wilmington, NC 28401
(910) 675-5721, Fax (910) 675-5756
herb.strickler@gnf.com

Herbert R. Strickler
Manager, Site EHS

GE 2004 (WIRO)
1161

September 30, 2004



Mr. Wayne Cook
Regional Air Quality Supervisor
North Carolina Department of Environment and Natural Resources
127 Cardinal Drive Extension
Wilmington, NC 28405-3845

Subject: Administrative Air Permit Modification Request and Air Permit Renewal
Application for Air Permit 1161R18 (Facility ID No. 6500070)

References: NC DENR Division of Air Quality Letter of 7/16/04 → R19

Dear Mr. Cook:

Attached is the Air Permit # 1161R18 Renewal Application. To facilitate review of our submittal, we have organized the documents as follows:

Attachment A: Administrative Descriptive Revisions to Air Permit 1161R18

Attachment B: Form AA Administrative Application for Air Permit 1161R18

Attachment C: Suggested Format for Revisions to Current Permit 1161R18

Attachment D: Diskette for Attachment C

Attachment E: GE/GNF-A - Source Identification and Descriptions Listing for Air Permit 1161R18

Please be aware that the minor administrative revisions requested (Attachments A & C) are merely to clarify, simplify, or improve the sources and descriptions in the Air Permit. There are no new sources. There is one deletion where the source and the associated pollution control

06k
02
September 30, 2004

equipment have been eliminated. Finally, several wording changes on source descriptions were requested to insure sources are properly identified and specified.

We sincerely appreciate your consideration of this request and look forward to working with you and your associates on this renewal. We will be glad to visit your local office to review the application and consider the various aspects of a potential draft permit. If you have any questions, please call Priti Mathur (675-5295), Tom Crawford (675-5946), or me (675-5721).

Sincerely,

GLOBAL NUCLEAR FUEL - AMERICAS, LLC



Herbert R. Strickler, Manager
Site Environment, Health & Safety

Attachments A - E

cc: HRS-04-040
C. Monetta

A16

ATTACHMENT A: Administrative Descriptive Revisions to Air Permit 1161R18

General note for all Permitted Items referring to a scrubber or a bagfilter: Because scrubber flow rates and filter areas for bagfilters are provided as descriptive terms (*i.e.*, not subject to routine monitoring as enforceable limitations), please consider removing those values from the permit description. If removal of these values is not acceptable, please consider clarifying that those values are "nominal" to allow for slight variations regarded within the normal operating range of circulating pumps/blowers or due to improvements in filter design, *etc.* by the manufacturer without creating the implication of a deviation.

Items 2 & 3: For consistency with the other emission unit descriptions that use station numbers rather than names, we suggest deleting the text "Macroetch A/B System." Cleaning and rinsing tanks are still present in these operations, but etching is no longer performed.

Item 2: In the description, please replace "a chemical etch and clean system" with "a large parts cleaning system" since etching is no longer performed.

Item 3: In the description, please replace "a chemical etch and clean system" with "a large parts cleaning system" since etching is no longer performed. Also, please replace ID No. "9122" with ID No. "9121" for accuracy.

Item 4: Please remove the reference to "40 pounds per day of photochemically reactive materials." We believe this terminology is left over from Rule 2D.0518, now repealed and replaced by Rule 2D.0958. The permit already incorporates the regulatory requirements of Rule 2D.0958.

Item 5: We deleted this item because this process has been removed.

Condition A.4.: Please correct the citation for odor control from Rule 2D.0522 to 2D.1806.

Condition A.5.b. and A.5.c.: Based on the monitoring and recordkeeping guidance on page 8-16 of the document available at <http://daq.state.nc.us/rules/appendices/app8.pdf>, please consider deleting conditions A.5.b and A.5.c altogether. If removal of conditions A.5.b and A.5.c is not acceptable, please specify that these terms apply only to permitted (*i.e.*, not to insignificant) sources, as already clarified in the section regarding fabric filter inspections. Again, consistent with the permit language for fabric filters, please consider adding: "These requirements are not specified for units that are not in operation." Also, please consider changing the frequency of inspections for work practices of VOC sources from monthly to quarterly.

Conditions A.7.(a) and A.7.(b).: Please consider resolving the inconsistent wording of maximum vs. optimum control efficiency from one paragraph to another. Consider referring to the control

ATTACHMENT A: Administrative Descriptive Revisions to Air Permit 1161R18

efficiency as "design" (based on manufacturer's data) or "claimed" (based on the original permit applications).

Conditions A.7.(a). and A.7.(b).: Please make consistent by clarifying that these conditions apply only to units that are in operation and by specifying that logbooks for fabric filters and scrubbers may be either written or electronic in format, as already established in Condition A.5.c.

9/30/04

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Form AA Administrative Application for Air Permit 1161R18
FORM AA

ADMINISTRATIVE APPLICATION (General Information)

NCDENR/Division of Air Quality - Application for Air Permit to Construct/Operate

AA

GENERAL INFORMATION

Corporate/Owner Name: General Electric Company

Site Name:

Site Address (911 Address) Line 1: P. O. Box 780

Site Address Line 2:

City: Wilmington

State: N.C.

Zip Code: 28402

County: New Hanover

CONTACT INFORMATION

Permit / Technical Contact:

Name/Title: Mr. Herbert R. Strickler (Site EHS Manager)

Mailing Address Line 1: P. O. Box 780, M/C G26

Mailing Address Line 2:

City: Wilmington

State: NC

Zip Code: 28402

Ph. No. (area code) (910) 675-5721

Fax No. (area code) (910) 675-5756

Email Address: herb.strickler@gnf.com

Facility / Inspection Contact:

Name/Title: Same as Permit/Technical Contact

Mailing Address Line 1:

Mailing Address Line 2:

City:

State:

Zip Code:

Ph. No. (area code)

Fax No. (area code)

Email Address:

Responsible Official/Authorized Contact:

Name/Title: Same as Permit/Technical Contact

Mailing Address Line 1:

Mailing Address Line 2:

City:

State:

Zip Code:

Ph. No. (area code)

Fax No. (area code)

Email Address:

Invoice Contact:

Name/Title: Same as Permit/Technical Contact

Mailing Address Line 1:

Mailing Address Line 2:

City:

State:

Zip Code:

Ph. No. (area code)

Fax No. (area code)

Email Address:

APPLICATION IS BEING MADE FOR

☒ Renewal (non-Title V)

☐ Renewal Title V

☐ Name Change

☐ Ownership Change

☐ Administrative Amendment

FACILITY CURRENT CLASSIFICATION (Check Only One)

☐ Small

☒ Synthetic Minor

☐ Title V

FACILITY (Plant Site) INFORMATION

Describe nature of (plant site) operation(s):

Manufacture of nuclear reactor components and aircraft engine parts.

Primary SIC/NAICS Code: 3559

Current/Previous Air Permit No. 1161R18

Expiration Date: January 1, 2005

Facility Coordinates: Latitude: 34 degrees 19' 25" Longitude: 077 degrees 55' 02"

Does this application contain confidential data? ☐ Yes ☒ No (See Instructions)

PERSON OR FIRM THAT PREPARED APPLICATION

Person Name: Mr. Herbert R. Strickler

Mailing Address Line 1: P. O. Box 780, M/C G26

City: Wilmington

State: NC

Ph. No. (area code) (910) 675-5721

Fax No. (area code) (910) 675-5756

Firm Name: Global Nuclear Fuel - Americas, LLC

Mailing Address Line 2:

Zip Code: 28402

County: New Hanover

Email Address: herb.strickler@gnf.com

SIGNATURE OF RESPONSIBLE OFFICIAL/AUTHORIZED CONTACT

Name (typed): Mr. Herbert R. Strickler

Title: Site EHS Manager

Signature (Blue Ink):

Herbert R. Strickler

SIGN HERE

Date: 9/30/04

Attach Additional Sheets As Necessary

Page 1 of 2

9/30/04

Page 1 of 2

M:\2004 Air Permits Application Files\GE Air Permit 1161R18 Info\GE 1161R18 Form AA.pdf

FORM AA (continued, page 2 of 2)
ADMINISTRATIVE APPLICATION

Application for Air Permit to Construct/Operate

AA

SECTION AA1 - APPLICATION FOR NON-TITLE V PERMIT RENEWAL

Electric Company (Company Name) hereby formally requests renewal of Air Permit No. 1161R18
There have been no modifications to the originally permitted facility or the operations therein that would require an air permit since the last permit was issued.
Is your facility subject to 40 CFR Part 68 "Prevention of Accidental Releases"- Section 112 (r) of the Clean Air Act? ☐ Yes ☒ No
If yes, have you already submitted a Risk Management Plan (RMP) to EPA? ☐ Yes ☐ No Date Submitted
Did you attach a current emissions inventory? ☐ Yes ☒ No If no, was it submitted via AERO or by mail (date mailed). 9/30/04

SECTION AA2 - APPLICATION FOR TITLE V PERMIT RENEWAL

In accordance with the provisions of Title 15A 2Q .0513 the responsible official of N/A (Company Name) hereby formally requests renewal of Air Permit No. (Air Permit No.) and further certifies that:

- (1) the current air quality permit identifies and describes all emissions units at the above subject facility, except where such units are exempted under the North Carolina Title V regulations at 15A NCAC 2Q .0500,
- (2) the current air quality permit cites all applicable requirements and provides the method or methods for determining compliance with the applicable requirements,
- (3) the facility is currently in compliance, and shall continue to comply, with all applicable requirements. (Note: As provided under 15A NCAC 2Q .0512 compliance with the conditions of the permit shall be deemed compliance with the applicable requirements specifically identified in the permit.),
- (4) for applicable requirements that become effective during the term of the renewed permit that the facility shall comply on a timely basis,
- (5) the facility shall fulfill applicable enhanced monitoring requirements and submit a compliance certification as required by 40 CFR Part 64.

The responsible official (signature on page 1) certifies under the penalty of law that all information and statements provided above, based on information and belief formed after reasonable inquiry, are true, accurate, and complete.

SECTION AA3 - APPLICATION FOR NAME CHANGE

New Facility Name: N/A

Former Facility Name:

An official facility name change is requested as described above for the air quality permit mentioned on page 1 of this form. Complete the other sections if there has been modifications to the originally permitted facility that would require an air quality permit since the last permit was issued and if there has been an ownership change associated with this name change.

SECTION AA4 - APPLICATION FOR AN OWNERSHIP CHANGE

By this application we hereby request transfer of Air Quality Permit No. N/A from the former owner to the new owner as describe below. The transfer of permit responsibility, coverage and liability shall be effective (immediately or insert date). The legal ownership of the facility described on page 1 of this form has been or will be transferred on (date). There have been no modifications to the originally permitted facility that would require an air quality permit since the last permit was issued.

Signature of New (Buyer) Responsible Official/Authorized Contact (as typed on page 1):

X Signature (Blue Ink):

SIGN HERE

Date:

New Facility Name:

Former Facility Name:

Signature of Former (Seller) Responsible Official/Authorized Contact:

Name (typed or print):

Title:

X Signature (Blue Ink):

SIGN HERE

Date:

Former Legal Corporate/Owner Name:

In lieu of the seller's signature on this form, a letter may be submitted with the seller's signature indicating the ownership change.

SECTION AA5 - APPLICATION FOR AN ADMINISTRATIVE AMENDMENT

Describe the requested administrative amendment here (attach additional documents as necessary):

See Attachments A, C, D, E.

Attach Additional Sheets As Necessary

Page 2 of 2

Permit C: Suggested Format for Revisions to Current Permit 1161R18

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

DIVISION OF AIR QUALITY

AIR PERMIT NO. 1161R18

Issue Date: March 28, 2001

Effective Date: March 28, 2001

Expiration Date: January 1, 2005

Replaces Permit: 1161R17

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,

**General Electric Company
3901 Castle Hayne Road
Wilmington, New Hanover County, North Carolina
Fee Class: Synthetic Minor
Site Number: 08/65/00070**

(the Permittee) is hereby authorized to construct and operate air emissions sources and/or air cleaning devices and appurtenances consisting of:

1. one packed, cross flow-type, wet scrubber and mist eliminator (ID No. E0007916, 250 gallons per minute nominal liquid injection rate) installed on the SCO metal cleaning and striking operation (ID No. SCO4),
2. a large parts cleaning system ~~chemical etch and clean system (Macroetch A System—ID No. AE1)~~ controlled by a cross-flow wet scrubber (ID No. 9122 - 37.8 gallons of water per minute nominal),
3. a large parts cleaning system ~~chemical etch and clean system (Macroetch B System—ID No. AE2)~~ controlled by a cross-flow wet scrubber (ID No. 91212 - 37.8 gallons of water per minute nominal),
4. a lubricant application booth (ID No. AE3) and curing oven (ID No. AE4) utilizing less than 40 lbs per day of photochemically reactive materials,
5. ~~fluorescent penetrant inspection clean system (ID No. AE6) controlled by a cross-flow wet scrubber (ID No. 9121—25.2 gallons of water per minute),~~

9/30/04

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Permit 1161R18 -
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Permit C: Suggested Format for Revisions to Current Permit 1161R18

6. a coolant return fume hood (ID No. AE7) with a mist eliminator system consisting of a centrifugal mist separator, a metal mesh coalescing filter (4.0 square feet of filter area nominal), and a bagfilter (110 square feet of filter area nominal), and
7. an automated parts washer (ID No. AE8) controlled by a packed-tower wet scrubber (ID No. 9050 - 49.2 gallons of water per minute nominal) in FPI,

in accordance with the completed application (ATS 65/00070.00B) received August 25, 2000, including any plans, specifications, previous applications, and other supporting data, all of which are filed with the Department of Environment and Natural Resources, Division of Air Quality (DAQ) and are incorporated as part of this Permit.

This Permit is subject to the following specified conditions and limitations including any TESTING, REPORTING, OR MONITORING REQUIREMENTS:

A. SPECIFIC CONDITIONS AND LIMITATIONS

1. Any air emission sources or control devices authorized to construct and operate above must be operated and maintained in accordance with the provisions contained herein. The Permittee shall comply with applicable Environmental Management Commission Regulations, including Title 15A North Carolina Administrative Code (NCAC), Subchapter 2D .0515, .0521, .0902, .0958 and .0535.
2. PARTICULATE CONTROL REQUIREMENT - As required by 15A NCAC 2D .0515 "Particulates from Miscellaneous Industrial Processes," particulate matter emissions from all permitted sources shall not exceed allowable emission rates. The allowable emission rates are, as defined in 2D .0515, a function of the process weight rate and shall be determined by the following equations(s), where **P** is the process throughput rate in tons per hour (tons/hr) and **E** is the allowable emission rate in pounds per hour (lbs/hr).

$$E = 4.10 * (P)^{0.67}$$

for $P \leq 30$ tons/hr, or

$$E = 55.0 * (P)^{0.11} - 40$$

for $P > 30$ tons/hr.

3. As required by 15A NCAC 2D .0521, "Control of Visible Emissions," visible emissions from the permitted sources, manufactured **after** July 1, 1971, shall not be more than **20 percent** opacity when averaged over a six-minute period, except that six-minute periods averaging not more than **87 percent** opacity may occur not more than once in any hour nor more than four times in any 24-hour period. However, sources which must comply with 15A NCAC 2D .0524 "New Source

Attachment C: Suggested Format for Revisions to Current Permit 1161R18

Performance Standards" or .1110 "National Emission Standards for Hazardous Air Pollutants" must comply with applicable visible emissions requirements contained therein.

4. As required by 15A NCAC 2D.05221806 "Control and Prohibition of Odorous Emissions," the Permittee shall not cause, allow, or permit any source to be operated without employing suitable measures for the control of nuisance odors.
5. **15A NCAC 2D .0958: WORK PRACTICES FOR SOURCES OF VOLATILE ORGANIC COMPOUNDS**

a. The Permittee shall:

- (1) store all material, including waste material, containing volatile organic compounds in tanks or in containers covered with a tightly fitting lid that is free of cracks, holes, or other defects, when not in use,
- (2) clean up spills of volatile organic compounds as soon as possible following proper safety procedures,
- (3) store wipe rags containing volatile organic compounds in closed containers,
- (4) not clean sponges, fabric, wood, paper products, and other absorbent materials with volatile organic compounds,
- (5) transfer solvents containing volatile organic compounds used to clean supply lines and other coating equipment into closable containers and close such containers immediately after each use, or transfer such solvents to closed tanks, or to a treatment facility regulated under section 402 of the Clean Water Act,
- (6) clean mixing, blending, and manufacturing vats and containers containing volatile organic compounds by adding cleaning solvent and close the vat or container before agitating the cleaning solvent. The spent cleaning solvent shall then be transferred into a closed container, a closed tank or a treatment facility regulated under section 402 of the Clean Water Act. [15A NCAC 2D .0958(c)]

b. To assure compliance with paragraph (a) above, the Permittee shall, at a minimum, perform a visual inspection once per month quarter of all permitted operations and processes utilizing volatile organic compounds and shall immediately initiate any corrective actions required to meet the requirements of paragraph (a) above. The inspections shall be conducted during normal operations. These requirements are not specified for units that are not in operation.

c. The results of the inspections shall be maintained in a logbook (written or electronic format) on-site and made available to an authorized DAQ representative upon request. The logbook shall record the following:

- i. the date and time of each inspection; and

Document C: Suggested Format for Revisions to Current Permit 1161R18

- ii. the results of each inspection, noting whether or not noncompliant conditions ~~that~~ were observed and whether or not corrective actions were taken to restore compliance.

6. **NOTIFICATION REQUIREMENT** - As required by 15A NCAC 2D .0535, when particulate matter and/or visible emissions exceed Environmental Management Regulations for more than four hours, the Regional Supervisor, Division of Air Quality, shall be notified as promptly as possible, but in no case later than 24 hours or on the next working day of becoming aware of the occurrence. Such notice shall specify the facility name and location, the nature and cause of the excess emission, the time when first observed, the expected duration, and the estimated rate of emissions. This reporting requirement does not allow the operation of the facility in excess of Environmental Management Commission Regulations.
7. **LIMITATION TO AVOID 15A NCAC 2Q .0501 "TITLE V"** - Pursuant to 15A NCAC 2Q .0315 "Synthetic Minor Facilities," to avoid the applicability of 15A NCAC 2Q .0501, as requested by the Permittee, facility-wide PM10 emissions shall be less than 100 tons per consecutive twelve (12) month period. To comply with this limit, the Permittee shall follow the requirements listed below.

Permit C: Suggested Format for Revisions to Current Permit 1161R18**Inspection and Maintenance Requirements****(a) All Permitted Fabric Filters that are in Operation**

To comply with the provisions of this permit and ensure that the ~~maximum~~ control efficiency is maintained, the Permittee shall perform periodic inspections and maintenance as recommended by the manufacturer on all fabric filters that are in operation. These requirements are not specified for units that are not in operation.

An annual internal inspection shall be conducted on the bagfilters by the Permittee to insure the structural integrity such that the ~~optimum~~ control efficiency is achieved. The results of this inspection, and any maintenance performed on the bagfilter(s), shall be recorded in a logbook (written or electronic format), kept onsite, and made available to the DAQ upon request.

(b) All Permitted Scrubbers that are in Operation

To comply with the provisions of this permit and ensure that the ~~maximum~~ control efficiency is maintained, the Permittee shall perform periodic inspections and maintenance as recommended by the manufacturer on all scrubbers that are in operation. These requirements are not specified for units that are not in operation. As a minimum, the inspection and maintenance program will include inspection of spray nozzles, packing material, chemical feed system (if so equipped), and the cleaning/calibration of all associated instrumentation.

A log book (written or electronic format) for each scrubber shall be kept onsite and made available to DAQ personnel upon request. Any variance from manufacturers' recommendations shall be investigated with corrections made and date of actions recorded in the logbook.

B. GENERAL CONDITIONS AND LIMITATIONS

1. REPORTS, TEST DATA, MONITORING DATA, NOTIFICATIONS, AND REQUESTS FOR RENEWAL shall be submitted to the:

Regional Supervisor
North Carolina Division of Air Quality
Wilmington Regional Office
127 Cardinal Dr. Ext
Wilmington, NC 28405

Attachment C: Suggested Format for Revisions to Current Permit 1161R18

PERMIT RENEWAL REQUIREMENT - The Permittee, at least 90 days prior to the expiration date of this permit, shall request permit renewal by letter in accordance with 15A NCAC 2Q .0304 (d) and (f). Pursuant to 15A NCAC 2Q .0203 (i), no permit application fee is required for renewal of an existing air permit. The renewal request should be submitted to the Regional Supervisor, DAQ.

3. ANNUAL FEE PAYMENT - Pursuant to 15A NCAC 2Q .0203 (a), the Permittee shall pay the annual permit fee within 30 days of being billed by the DAQ. Failure to pay the fee in a timely manner will cause the DAQ to initiate action to revoke the permit.
4. EQUIPMENT RELOCATION - A new air permit shall be obtained by the Permittee prior to establishing, building, erecting, using, or operating the emission sources or air cleaning equipment at a site or location not specified in this permit.
5. REPORTING REQUIREMENT - Any of the following that would result in previously unpermitted, new, or increased emissions must be reported to the Regional Supervisor, DAQ:
 - a. changes in the information submitted in the application regarding facility emissions;
 - b. changes that modify equipment or processes of existing permitted facilities; or
 - c. changes in the quantity or quality of materials processed.

If appropriate, modifications to the permit may then be made by the DAQ to reflect any necessary changes in the permit conditions. In no case are any new or increased emissions allowed that will cause a violation of the emission limitations specified herein.

6. This permit is subject to revocation or modification by the DAQ upon a determination that information contained in the application or presented in the support thereof is incorrect, conditions under which this permit was granted have changed, or violations of conditions contained in this permit have occurred. The facility shall be properly operated and maintained at all times in a manner that will effect an overall reduction in air pollution. Unless otherwise specified by this permit, no emission source may be operated without the concurrent operation of its associated air cleaning device(s) and appurtenances.
7. This permit is nontransferable by the Permittee. Future owners and operators must obtain a new air permit from the DAQ.
8. This issuance of this permit in no way absolves the Permittee of liability for any potential civil penalties which may be assessed for violations of State law which have occurred prior to the effective date of this permit.

Attachment C: Suggested Format for Revisions to Current Permit 1161R18

9. This permit does not relieve the Permittee of the responsibility of complying with all applicable requirements of any Federal, State, or Local water quality or land quality control authority.
10. Reports on the operation and maintenance of the facility shall be submitted by the Permittee to the Regional Supervisor, DAQ at such intervals and in such form and detail as may be required by the DAQ. Information required in such reports may include, but is not limited to, process weight rates, firing rates, hours of operation, and preventive maintenance schedules.
11. A violation of any term or condition of this permit shall subject the Permittee to enforcement pursuant to G.S. 143-215.114A, 143-215.114B, and 143-215.114C, including assessment of civil and/or criminal penalties.

Appendix C: Suggested Format for Revisions to Current Permit 1161R18

12. Pursuant to North Carolina General Statute 143-215.3 (a) (2), no person shall refuse entry or access to any authorized representative of the DAQ who requests entry or access for purposes of inspection, and who presents appropriate credentials, nor shall any person obstruct, hamper, or interfere with any such representative while in the process of carrying out his official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.
13. The Permittee must comply with any applicable Federal, State, or Local requirements governing the handling, disposal, or incineration of hazardous, solid, or medical wastes, including the Resource Conservation and Recovery Act (RCRA) administered by the Division of Waste Management.
14. PERMIT RETENTION REQUIREMENT - The Permittee shall retain a current copy of the Air Permit at the site. The Permittee must make available to personnel of the DAQ, upon request, the current copy of the Air Permit for the site.
15. COMPLIANCE WITH LOCAL ZONING - The Permittee shall abide by local zoning requirements in effect at the time of the commencement of construction of the facility.
16. CLEAN AIR ACT SECTION 112(r) REQUIREMENTS - Pursuant to 40 CFR Part 68 "Accidental Release Prevention Requirements: Risk Management Programs Under the Clean Air Act, Section 112(r)," if the Permittee is required to develop and register a risk management plan pursuant to Section 112(r) of the Federal Clean Air Act, then the Permittee is required to register this plan in accordance with 40 CFR Part 68.

ment C: Suggested Format for Revisions to Current Permit 1161R18

17. PREVENTION OF ACCIDENTAL RELEASES - GENERAL DUTY" - Pursuant to Title I Part A Section 112(r)(1) of the Clean Air Act "Hazardous Air Pollutants - Prevention of Accidental Releases - Purpose and General Duty," although a risk management plan may not be required, if the Permittee produces, processes, handles, or stores any amount of a listed hazardous substance, the Permittee has a general duty to take such steps as are necessary to prevent the accidental release of such substance and to minimize the consequences of any release. **This condition is federally-enforceable only.**

Permit issued this the 28th day of March, 2001

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

Wayne Cook
Division of Air Quality
By Authority of the Environmental Management Commission

Air Permit No. 1161R18

ATTACHMENT E: GE/GNF-A Source Identifications and Descriptions Listing

Equipment ID	Source Description
AE1	Aircraft Engines - Large parts cleaning system
AE2	Aircraft Engines - Large parts cleaning system
AE3	Aircraft Engines - Lubricant application booth
AE4	Aircraft Engines - Curing oven
AE5	Coolant Evaporator
AE6	FPI Clean System (SOURCE REMOVED)
AE7	Coolant Return Hood
AE8	Wet scrubber on parts washer
FC01	Hydrofluoric acid & Nitrate Acid Storage Tanks
FC02	Etch line roof scrubber
FC03	North waste etch acid storage tank A
FC04	South waste etch acid storage tank B
FC05	Waste etch acid trailer loading
FC06	FCO Grit Blasters
FC07	Waste Etch acid storage tank C
FC08	Waste Etch acid storage tank D
FM01	North chemical area roof--CHMN 0542
FM02	Decon exhaust system--NDRE 2129
FM03	North FMOX roof --CHMN 541X
FM04	South FMOX roof--CHMS 546X
FM05	Chemmet lab roof scrubber--CLBE2162/CLBW2163
FM06	URU scrubber--URU 965X/URU 966X
FM07	Calciner #1
FM08	Calciner #2
FM09	Calciner #3
FM10	Calciner #4
FM11	Calciner #5
FM12	North FMO boiler
FM13	Calciner #6
FM14	South FMO boiler
FM15	Hammermills
SC01	Large nitriding furnace
SC02	Small nitriding furnace
SC03	Source removed
SC04	Metal cleaning tanks
SC06	Anhydrous ammonia storage tank loading
S02a	Site 4000 gallon gasoline storage tank
S02b	Diesel fuel tank
S03	Sulfuric acid storage tank--final process lagoon area
S04	Waste treatment boiler
S05	Recovered aqua ammonia receiver V-202--ammonia recovery
S07	Scrubber for calcium fluoride drier--waste treatment
S08	URLS scrubber--waste treatment (SCRUBBER REMOVED)
S09	Calcium fluoride slurry tank V-500--ammonia recovery
S10	Calcium fluoride slurry clarifier V-501--ammonia recovery
S11	Ammonium fluoride solution storage tank V-108--ammonia recovery
S13	Incinerator scrubber stack at south side of building
S14	West recovered aqua ammonia storage tank V-203A--ammonia recovery
S15	East recovered aqua ammonia storage tank V-203B--ammonia recovery
S16	Sump--ammonia recovery
S17	Waste nitrate solution treatment tanks V-103 and V-104--waste treatment
S18	Waste plating solution treatment tank V-115--waste treatment
S19	Waste FCO etch acid tank V-700--waste treatment
S20	Sulfuric acid storage tank V-2010--URLS
S21	Dilute sulfuric/hydrofluoric acid storage tank V-2060--URLS

ATTACHMENT E: GE/GNF-A Source Identifications and Descriptions Listing

S22	Dilute sulfuric/hydrofluoric acid storage tank V-2070--URLS
S23	Dilute sulfuric acid storage tank V-7070--URLS
S24	Hydrofluoric acid storage container--URLS
S25	Ammonium fluoride solution storage tank V-106--FMO west end
S26	Anhydrous ammonia storage tank loading (2)--FMO tank farm
S27	Nitric acid storage tanks (3)--FMO tank farm
S28	Hydrochloric acid storage tank--FMO tank farm
S29	Aqua ammonia 20,000 gallon storage tank--FMO tank farm
S30	East lagoon at waste treatment--boiler blowdown and rainwater
S31	West lagoon at waste treatment--CaF2 and NH3
S33	Aqua ammonia break tank--at 20,000 gallon aqua ammonia tank--FMO
S35	Emergency generator--650 KW
S36	Emergency generator--500 KW
S37	Lime silo--waste treatment
S38	Emergency generator--150 KW
S39	Peak shaving generator--1,250 KW
S40	Peak shaving generator--1,250 KW
S50	No. 2 oil tank (SOURCE REMOVED)
S51	No. 2 oil tank (SOURCE REMOVED)
S52	Kerosene tank (SOURCE REMOVED)
S53	Kerosene tank (SOURCE REMOVED)
S54	No. 2 oil tank #9
S55	Kerosene tank #8
S56	Diesel fuel tank
S57	Diesel fuel tank
S58	Drum/Cylinder sandblasting
S59	Drum/Cylinder painting
S60	Process Supply Water Aerator Tower
S61	TCE Low Profile Stripper
Hand Painting	Production related touch up painting performed with brush or roller
H3001	HF recovery on DCP process lines
H3002	DCP Building ventilation
H3003	HF Building Emergency Scrubber