



Tennessee Valley Authority, Post Office Box 2000, Soddy-Daisy, Tennessee 37379-2000

May 15, 2007

Mr. J. Alan Frazier
Chattanooga-Hamilton County
Air Pollution Control Bureau
6125 Preservation Drive
Chattanooga, Tennessee 37416

Dear Mr. Frazier:

SEQUOYAH NUCLEAR PLANT - AIR POLLUTION PERMIT RENEWALS

Enclosed are the Air Pollution Permit Renewals for permit nos. 4150-30600701-01C, 4150-30600701-03C, 4150-30700804-06C, 4150-30703099-09C, 4150-30900203-10C, 4150-10200501-08C, and 4150-20200102-11C. The current permits expire on July 17, 2007. Please contact me at (423) 843-6700 if you have any questions or comments.

Sincerely,

Stephanie A. Howard
Principal Environmental Engineer
Signatory Authority for
J. Randy Douet
Site Vice President
Sequoyah Nuclear Plant

Enclosure

cc (Enclosures):

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

COO1

**BASIC APPLICATION FOR EQUIPMENT / AIR POLLUTION PERMIT
OR CERTIFICATE OF OPERATION***

**FORM E001
07/05**

1. Name of Company **TVA Sequoyah Nuclear Plant**
(If corporation or LLC, name on file with Tennessee Secretary of State Corporate Records Division)

2. SIC Code: **4911**

3. Company Official to Contact: **Stephanie A. Howard**

4. Phone No. **423-843-6700**

5. Mailing Address: **P.O. Box 2000 SB 2A Soddy-Daisy, TN 37384**
Street or P.O. Box City State Zip Code

6. Physical Location **Sequoyah Access Rd. Soddy-Daisy, TN 37379**
(If different from line 5) Street City State Zip Code

7. Application for:
 Installation Permit Certificate of Operation Initial Application Permit No.
 Certificate of Operation Renewal Permit No. 4150-30600701-01C

8. Type of equipment for which application is made:

<input checked="" type="checkbox"/> Process Equipment (Form E010 or Form E010A)	<input checked="" type="checkbox"/> Previously Submitted	<input type="checkbox"/> Attached
Fuel Burning Equipment (Form E011)	<input type="checkbox"/> Previously Submitted	<input type="checkbox"/> Attached
Incineration Equipment (Form E012)	<input type="checkbox"/> Previously Submitted	<input type="checkbox"/> Attached
Minor Pollution Source (Form E014) <i>(Less than 1000 lbs/yr and less than 10 lbs/day total uncontrolled contaminant emissions)</i>	<input type="checkbox"/> Previously Submitted	<input type="checkbox"/> Attached

The following forms are filed with this application:

9. Equipment Name: **Cooling Tower for Heat Rejection (Unit 1)**

10. If Application is for a Certificate of Operation (Initial or Renewal), are there any changes since previous application in the equipment or operation? Yes No

11. Process Weight, lb/hr, (Item 6 on Form E010), Incineration Rate, lb/hr, (Item 3C on Form E012), or Fuel Burning Rate, 1000 BTU/hr, (Item 7C on Form E011): **279.38 E6 lbs/hour/tower**

This is to certify that I am familiar with operations concerning this equipment and the information provided on this application is true and complete to the best of my knowledge:

Mail completed form to:
**CHATTANOOGA-HAMILTON COUNTY
 AIR POLLUTION CONTROL BUREAU
 6125 Preservation Drive
 Chattanooga, TN 37416**

Stephanie A. Howard
 Company Official
 Principal Environmental Engineer
 Title
5/15/07
 Date

* Form must be completely filled out before it will be processed.

*Signatory authority for
 J. Randy Douet, Site Vice
 President*

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7. Application for:
 Installation Permit Certificate of Operation Initial Application Permit No.
 Certificate of Operation Renewal Permit No. **4150-30700804-06C**

8. Type of equipment for which application is made:

<input checked="" type="checkbox"/> Process Equipment (Form E010 or Form E010A)	<input checked="" type="checkbox"/> Previously Submitted	<input type="checkbox"/> Attached
Fuel Burning Equipment (Form E011)	<input type="checkbox"/> Previously Submitted	<input type="checkbox"/> Attached
Incineration Equipment (Form E012)	<input type="checkbox"/> Previously Submitted	<input type="checkbox"/> Attached
Minor Pollution Source (Form E014) <i>(Less than 1000 lbs/yr and less than 10 lbs/day total uncontrolled contaminant emissions)</i>	<input type="checkbox"/> Previously Submitted	<input type="checkbox"/> Attached

The following forms are filed with this application:

9. Equipment Name: **Insulator Saws A and B (Fitting and Block Saws) - formerly Saws A and B were on separate Certificates of Operation nos. 4150-30700804-06C and 4150-30700804-07C**

10. If Application is for a Certificate of Operation (Initial or Renewal), are there any changes since previous application in the equipment or operation? Yes No

11. Process Weight, lb/hr, (Item 6 on Form E010), Incineration Rate, lb/hr, (Item 3C on Form E012), or Fuel Burning Rate, 1000 BTU/hr, (Item 7C on Form E011): **80+71=151 lbs/hour**

This is to certify that I am familiar with operations concerning this equipment and the information provided on this application is true and complete to the best of my knowledge:

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 AIR POLLUTION CONTROL BUREAU
 6125 Preservation Drive
 Chattanooga, TN 37416**

Stephanie A. Howard
 Company Official
 Principal Environmental Engineer
 Title
5/15/07
 Date

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Signatory authority for J. Randy Douet, Site Vice President

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07/05**

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2. SIC Code: **4911**
3. Company Official to Contact: **Stephanie A. Howard**
4. Phone No. **423-843-6700**
5. Mailing Address: **P.O. Box 2000 SB 2A Soddy-Daisy, TN 37384**
Street or P.O. Box City State Zip Code
6. Physical Location **Sequoyah Access Rd. Soddy-Daisy, TN 37379**
(If different from line 5) Street City State Zip Code
7. Application for:
Installation Permit Certificate of Operation Initial Application Permit No. Certificate of Operation Renewal Permit No. **4150-30703099-09C**

8. Type of equipment for which application is made:

- Process Equipment (Form E010 or Form E010A) Previously Submitted Attached
- Fuel Burning Equipment (Form E011) Previously Submitted Attached
- Incineration Equipment (Form E012) Previously Submitted Attached
- Minor Pollution Source (Form E014) Previously Submitted Attached
(Less than 1000 lbs/yr and less than 10 lbs/day total uncontrolled contaminant emissions)

The following forms are filed with this application:

9. Equipment Name: **Modifications Carpenter Shop**
10. If Application is for a Certificate of Operation (Initial or Renewal), are there any changes since previous application in the equipment or operation? Yes No
11. Process Weight, lb/hr, (Item 6 on Form E010), Incineration Rate, lb/hr, (Item 3C on Form E012), or Fuel Burning Rate, 1000 BTU/hr, (Item 7C on Form E011): **450 lbs/hour**

This is to certify that I am familiar with operations concerning this equipment and the information provided on this application is true and complete to the best of my knowledge:

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**CHATTANOOGA-HAMILTON COUNTY
AIR POLLUTION CONTROL BUREAU
6125 Preservation Drive
Chattanooga, TN 37416**

Stephanie A. Howard

Company Official

Principal Environmental Engineer

Title
5/15/07
Date

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Signatory authority for J.Randy
Dowd, Site Vice President

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(If different from line 5) Street City State Zip Code
7. Application for:
 Installation Permit Certificate of Operation Initial Application Permit No.
 Certificate of Operation Renewal Permit No. **4150-30900203-10C**

8. Type of equipment for which application is made:
- | | | |
|--|--|-----------------------------------|
| <input checked="" type="checkbox"/> Process Equipment (Form E010 or Form E010A) | <input checked="" type="checkbox"/> Previously Submitted | <input type="checkbox"/> Attached |
| Fuel Burning Equipment (Form E011) | <input type="checkbox"/> Previously Submitted | <input type="checkbox"/> Attached |
| Incineration Equipment (Form E012) | <input type="checkbox"/> Previously Submitted | <input type="checkbox"/> Attached |
| Minor Pollution Source (Form E014)
<i>(Less than 1000 lbs/yr and less than 10 lbs/day total uncontrolled contaminant emissions)</i> | <input type="checkbox"/> Previously Submitted | <input type="checkbox"/> Attached |

The following forms are filed with this application:

9. Equipment Name: **Abrasive Blasting Operation**
10. If Application is for a Certificate of Operation (Initial or Renewal), are there any changes since previous application in the equipment or operation? Yes No
11. Process Weight, lb/hr, (Item 6 on Form E010), Incineration Rate, lb/hr, (Item 3C on Form E012), or Fuel Burning Rate, 1000 BTU/hr, (Item 7C on Form E011): **500 lbs/hour**

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*signatory authority for
 J. Randy Douet, Site Vice President*

