



Serial: RNP-RA/02-0045

APR 19 2002

South Carolina Department of Health and Environmental Control
Attn: Bureau of Water/Compliance Assurance Division
2600 Bull Street
Columbia, South Carolina 29201

H. B. ROBINSON STEAM ELECTRIC PLANT
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
PERMIT NO. SC0002925

SEMIANNUAL GROUNDWATER MONITORING REPORT

Ladies and Gentlemen:

The purpose of this letter is to provide Carolina Power & Light Company's semiannual groundwater monitoring report for the H. B. Robinson Steam Electric Plant. This report is submitted in accordance with National Pollutant Discharge Elimination System Permit No. SC0002925, Part I.D.3, "Reporting Monitoring Results," effective October 1, 1997, and in accordance with South Carolina Regulation 61-9.122, "The National Pollutant Discharge Elimination System." This report is required to be submitted by April 28, 2002.

The attachment to this letter provides the certificates of analyses in laboratory format, which contain the groundwater monitoring results. The results indicate that no monitored parameters were outside established norms for those parameters.

If you have any questions concerning this matter, you may contact Mr. B. L. Fletcher III, Manager-Regulatory Affairs.

Sincerely,

Timothy P. Cleary
Timothy P. Cleary
Plant General Manager

PMY/pmy

Attachment

c: South Carolina Department of Health and Environmental Control

South Carolina Department of Health and Environmental Control
Attachment to Serial: RNP-RA/02-0045
6 Pages

H. B. ROBINSON STEAM ELECTRIC PLANT
SEMIANNUAL GROUNDWATER MONITORING REPORT

Davis & Brown

PO Box 15038
Quinby, SC 29506
(843) 665-6746 FAX: (843) 629-1444

Certificate of Analysis

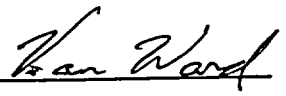
Client: CAROLINA POWER AND LIGHT CO.
3512 LAKESIDE DR.
HARTSVILLE, SC 29550

South Carolina Certification Number: 21117
North Carolina Certification Number: 612

Client #: 98
Contact: JOHN GAINEY

Receipt Date: 21-Feb-02
Report Date: 15-Mar-02

Sample Date: 21-Feb-02
SDG #: SDG-023839
Lab Sample ID: LSID-052607
Sample ID: WELL 1

Approved By: 
Van Ward
Lab Director

| Parameter | Result | Reporting | | Method | Flag | Date | Time | Analyst |
|--------------------------|--------|-----------|-------|-----------|------|----------|-------|---------|
| | | Limit | Unit | | | | | |
| Water level | 34.80 | | Ft. | | | 02/21/02 | 13:55 | RD |
| pH, Field (Liquids) | 4.89 | | s.u. | EPA 150.1 | | 02/21/02 | 13:55 | TW |
| Total Dissolved Solids | 42.9 | 1 | mg/L | EPA 160.1 | | 02/05/02 | 8:40 | LM |
| Temperature | 19.0 | | C | EPA 170.1 | | 02/21/02 | 13:55 | TW |
| Acid Digestion (Liquids) | YES | | | EPA 200.2 | | 02/25/02 | 10:00 | DH |
| Iron, Total | 0.709 | 0.04 | mg/L | EPA 200.7 | | 02/28/02 | 11:51 | DH |
| Zinc, Total | <0.010 | 0.01 | mg/L | EPA 200.7 | | 02/27/02 | 9:43 | DH |
| Arsenic, Total | <0.005 | 0.005 | mg/L | EPA 206.2 | | 03/14/02 | 14:21 | DH |
| Sulfate- IC | 2.9 | 2 | mg/L | EPA 300.0 | | 02/25/02 | 17:22 | SM |
| Specific Conductance | 21.0 | 1 | umhos | SM 2510B | | 02/21/02 | 13:55 | TW |

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Certificate of Analysis

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HARTSVILLE, SC 29550

South Carolina Certification Number: 21117
North Carolina Certification Number: 612

Client #: 98
Contact: JOHN GAINES

Receipt Date: 21-Feb-02
Report Date: 15-Mar-02

Sample Date: 21-Feb-02
SDG #: SDG-023839
Lab Sample ID: LSID-052608
Sample ID: WELL 2

Approved By: _____

Van Ward
Van Ward
Lab Director

| Parameter | Result | Reporting Limit | Unit | Method | Flag | Date | Time | Analyst |
|--------------------------|--------|-----------------|-------|-----------|------|----------|-------|---------|
| Water level | 22.70 | | Ft. | | | 02/21/02 | 14:20 | RD |
| pH, Field (Liquids) | 6.05 | | s.u. | EPA 150.1 | | 02/21/02 | 14:20 | TW |
| Total Dissolved Solids | 175 | 1 | mg/L | EPA 160.1 | | 02/05/02 | 8:40 | LM |
| Temperature | 17.4 | | C | EPA 170.1 | | 02/21/02 | 14:20 | TW |
| Acid Digestion (Liquids) | YES | | | EPA 200.2 | | 02/25/02 | 10:00 | DH |
| Iron, Total | 29.2 | 0.04 | mg/L | EPA 200.7 | | 02/28/02 | 11:51 | DH |
| Zinc, Total | 0.024 | 0.01 | mg/L | EPA 200.7 | | 02/27/02 | 9:43 | DH |
| Arsenic, Total | 0.221 | 0.005 | mg/L | EPA 206.2 | | 03/14/02 | 14:21 | DH |
| Sulfate- IC | 66.3 | 2 | mg/L | EPA 300.0 | | 02/25/02 | 17:22 | SM |
| Specific Conductance | 221.9 | 1 | umhos | SM 2510B | | 02/21/02 | 14:20 | TW |

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Certificate of Analysis

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HARTSVILLE, SC 29550


South Carolina Certification Number: 21117
North Carolina Certification Number: 612

Client #: 98
Contact: JOHN GAINEY

Receipt Date: 21-Feb-02
Report Date: 15-Mar-02

Sample Date: 21-Feb-02
SDG #: SDG-023839
Lab Sample ID: LSID-052609
Sample ID: WELL 3

Approved By: _____


Van Ward
Lab Director

| Parameter | Result | Reporting Limit | Unit | Method | Flag | Date | Time | Analyst |
|--------------------------|--------|-----------------|-------|-----------|------|----------|-------|---------|
| Water level | 20.50 | | Ft. | | | 02/21/02 | 14:48 | RD |
| pH, Field (Liquids) | 5.23 | | s.u. | EPA 150.1 | | 02/21/02 | 14:48 | TW |
| Total Dissolved Solids | 187 | 1 | mg/L | EPA 160.1 | | 02/05/02 | 8:40 | LM |
| Temperature | 19.2 | | C | EPA 170.1 | | 02/21/02 | 14:48 | TW |
| Acid Digestion (Liquids) | YES | | | EPA 200.2 | | 02/25/02 | 10:00 | DH |
| Iron, Total | 12.1 | 0.04 | mg/L | EPA 200.7 | | 02/28/02 | 11:51 | DH |
| Zinc, Total | 0.011 | 0.01 | mg/L | EPA 200.7 | | 02/27/02 | 9:43 | DH |
| Arsenic, Total | 0.011 | 0.005 | mg/L | EPA 206.2 | | 03/14/02 | 14:21 | DH |
| Sulfate- IC | 84.4 | 2 | mg/L | EPA 300.0 | | 02/25/02 | 17:22 | SM |
| Specific Conductance | 208.3 | 1 | umhos | SM 2510B | | 02/21/02 | 14:48 | TW |

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Certificate of Analysis

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3512 LAKESIDE DR.
HARTSVILLE, SC 29550

South Carolina Certification Number: 21117
North Carolina Certification Number: 612

Client #: 98
Contact: JOHN GAINNEY

Receipt Date: 21-Feb-02
Report Date: 15-Mar-02

Sample Date: 21-Feb-02
SDG #: SDG-023839
Lab Sample ID: LSID-052610
Sample ID: WELL 4

Approved By: *Van Ward*

Van Ward
Lab Director

| Parameter | Result | Reporting | | Method | Flag | Date | Time | Analyst |
|--------------------------|--------|-----------|-------|-----------|------|----------|-------|---------|
| | | Limit | Unit | | | | | |
| Water level | 19.30 | | Ft. | | | 02/21/02 | 13:30 | RD |
| pH, Field (Liquids) | 4.11 | | s.u. | EPA 150.1 | | 02/21/02 | 13:30 | TW |
| Total Dissolved Solids | 252 | 1 | mg/L | EPA 160.1 | | 02/05/02 | 8:40 | LM |
| Temperature | 20.3 | | C | EPA 170.1 | | 02/21/02 | 13:30 | TW |
| Acid Digestion (Liquids) | YES | | | EPA 200.2 | | 02/25/02 | 10:00 | DH |
| Iron, Total | 0.094 | 0.04 | mg/L | EPA 200.7 | | 02/28/02 | 11:51 | DH |
| Zinc, Total | 0.064 | 0.01 | mg/L | EPA 200.7 | | 02/27/02 | 9:43 | DH |
| Arsenic, Total | <0.005 | 0.005 | mg/L | EPA 206.2 | | 03/14/02 | 14:21 | DH |
| Sulfate- IC | 138 | 4 | mg/L | EPA 300.0 | | 02/27/02 | 16:05 | SM |
| Specific Conductance | 266.4 | 1 | umhos | SM 2510B | | 02/21/02 | 13:30 | TW |

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HARTSVILLE, SC 29550

South Carolina Certification Number: 21117
North Carolina Certification Number: 612

Client #: 98
Contact: JOHN GAINEY

Receipt Date: 21-Feb-02
Report Date: 15-Mar-02

Sample Date: 21-Feb-02
SDG #: SDG-023839
Lab Sample ID: LSID-052611
Sample ID: BLANK

Approved By: Van Ward
Van Ward
Lab Director

| Parameter | Result | Reporting Limit | Unit | Method | Flag | Date | Time | Analyst |
|--------------------------|--------|-----------------|------|-----------|------|----------|-------|---------|
| Total Dissolved Solids | <1.0 | 1 | mg/L | EPA 160.1 | | 02/05/02 | 8:40 | LM |
| Acid Digestion (Liquids) | YES | | | EPA 200.2 | | 02/25/02 | 10:00 | DH |
| Iron, Total | 0.048 | 0.04 | mg/L | EPA 200.7 | V | 02/28/02 | 11:51 | DH |
| Zinc, Total | <0.010 | 0.01 | mg/L | EPA 200.7 | | 02/27/02 | 9:43 | DH |
| Arsenic, Total | <0.005 | 0.005 | mg/L | EPA 206.2 | | 03/14/02 | 14:21 | DH |
| Sulfate- IC | <2.0 | 2 | mg/L | EPA 300.0 | | 02/25/02 | 17:22 | SM |