## Environmental Document Type: NPDES Correspondence

December 16, 2002

Ms. Evelyn Haskin Division of Water Pollution Control Enforcement and Compliance Section 6th Floor, L & C Annex 401 Church Street Nashville, Tennessee 37243-1534

Dear Ms. Haskin:

TENNESSEE VALLEY AUTHORITY (TVA) - KINGSTON PLANT - NPDES PERMIT NO. TN0005452 DISCHARGE MONITORING REPORT (DMR) – November, 2002, (CORRECTION).

Enclosed please find DMRs for Kingston Fossil Plant for the reporting period of November, 2002. These DMRs are being resubmitted because the DMR for 005 was not signed by the plant manager on the original report submitted on December 12, 2002.

If you have any questions concerning this report, please contact Linda Campbell at 865/717-2157 in Kingston, Tennessee.

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein. Based on my inquiry of these individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

Sincerely,

Earl L. Destine

Earl L. Deskins, Plant Manager Kingston Fossil Plant

LFC: Enclosures cc: J. K. Watts, LP 5D-C J. W. Shipp, Jr., MR 2T-C EDMS, EB 5G - C File

| PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) Name TVA - KINGSTON FOSSIL PLANT Address 714 SWAN POND ROAD HARRIMAN, TN 37748 |                               |                                           |                                                                                                | CHARGE M(<br>(2-16)<br>0005452 |                                          | (17-19)<br>005 G                                                | MAJOR<br>(SUBR 03)<br>F - FINAL  |        | 1-98    |                |      |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------|------------------------------------------|-----------------------------------------------------------------|----------------------------------|--------|---------|----------------|------|-----|
| FacilityTVA - KINGSTON FOSSIL PL<br>LocationROANE COUNTY_(KFO)T                                                                                     |                               |                                           |                                                                                                |                                | ITORING PE                               |                                                                 | CHEMICAL META                    |        | _       | FEWATEI        | 2    |     |
| ATTN: LINDY PRINTZ                                                                                                                                  |                               | From 02                                   | 11 0 <sup>-</sup><br>(22-23) (24-)                                                             | 1] To[(                        | <b>D2 11 30</b><br>6-27) (28-29) (30-31) | *** NO DISCHA<br>NOTE: Read in                                  | ***<br>ore completing this form. |        |         |                |      |     |
| PARAMETER                                                                                                                                           | $\overline{\mathbf{N}}$       |                                           | NTITY OR LOADING                                                                               |                                | (4 Card Only)                            | QUALITY OR CO                                                   | ONCENTRATION                     |        | NO.     | FREQUEN        | -    |     |
| (32-37)                                                                                                                                             |                               | (46-53)<br>AVERAGE                        | (54-61)<br>MAXIMUM                                                                             | UNITS                          | (38-45)<br>MINIMUI                       | (46-53)<br>A AVERAGE                                            | (54-61)<br>MAXIMUM               | UNITS  | EX      | ANALYSI        |      |     |
| COPPER, TOTAL (AS CU)                                                                                                                               | SAMPLE<br>MEASUREMENT         | ******                                    | ******                                                                                         | **                             | ******                                   |                                                                 |                                  | 19     | (62-63) | (64-68)        | (69) | 70) |
| 01042 1 0 0<br>EFFLUENT GROSS VALUE                                                                                                                 | PERMIT<br>REQUIREMENT         | *****                                     | ******                                                                                         | <b>***</b>                     | ******                                   | * 1.0<br>MO AVG                                                 | 1.0<br>DAILY MX                  | MG/L   |         | SEE            | GR.  | AB  |
| IRON, TOTAL (AS FE)                                                                                                                                 | SAMPLE<br>MEASUREMENT         | ******                                    | ******                                                                                         | **                             | ******                                   |                                                                 |                                  | 19     |         |                | ·    |     |
| 01045 1 0 0<br>EFFLUENT GROSS VALUE                                                                                                                 | PERMIT<br>REQUIREMENT         | ******                                    | ******                                                                                         | ****                           | ******                                   | * 1.0<br>MO AVG                                                 | 1.0<br>DAILY MX                  | MG/L   |         | SEE<br>PERMI   | GR/  | AB  |
| FLOW, IN CONDUIT OR THRU<br>TREATMENT PLANT                                                                                                         | SAMPLE<br>MEASUREMENT         |                                           |                                                                                                | 03                             | ******                                   | ******                                                          | ******                           | **     |         |                |      |     |
| 50050 1 0 0<br>EFFLUENT GROSS VALUE                                                                                                                 | PERMIT<br>REQUIREMENT         | REPORT<br>MO AVG                          | REPORT<br>DAILY MX                                                                             | MGD                            | ******                                   | * ****                                                          | ******                           | ****   |         | ONCE/<br>BATCH | 1    | .0G |
|                                                                                                                                                     | SAMPLE<br>MEASUREMENT         |                                           |                                                                                                |                                |                                          |                                                                 |                                  |        |         |                |      |     |
|                                                                                                                                                     | PERMIT<br>REQUIREMENT         |                                           |                                                                                                |                                |                                          |                                                                 |                                  |        |         | · · ·          |      |     |
|                                                                                                                                                     | SAMPLE<br>MEASUREMENT         |                                           |                                                                                                |                                |                                          |                                                                 |                                  |        |         |                |      |     |
|                                                                                                                                                     | PERMIT<br>REQUIREMENT         |                                           |                                                                                                |                                |                                          |                                                                 |                                  |        |         |                |      | •   |
|                                                                                                                                                     | SAMPLE<br>MEASUREMENT         |                                           |                                                                                                |                                |                                          |                                                                 |                                  | İ      |         |                | 1    |     |
|                                                                                                                                                     | PERMIT<br>REQUIREMENT         | ·                                         |                                                                                                |                                |                                          |                                                                 |                                  |        |         |                |      |     |
|                                                                                                                                                     | SAMPLE<br>MEASUREMENT         |                                           |                                                                                                |                                |                                          |                                                                 |                                  |        |         |                |      |     |
|                                                                                                                                                     | PERMIT<br>REQUIREMENT         | · · ·                                     |                                                                                                |                                |                                          |                                                                 |                                  |        |         |                |      |     |
| NAME/TITLE PRINCIPAL EXECUTIVE OF                                                                                                                   | FAMILIAR WITH                 | THE INFORMATION SU                        | JBMITTED HEREIN; AND                                                                           | D BASED ON MI                  | y inquiry                                | Earl & De                                                       | estino                           | TELEPH | IONE    |                | DATE |     |
| J.R. Bynum<br>Exec. V.P., Fossil Power Group                                                                                                        | INFORMATION,<br>COMPLETE. 1 A | I BELIEVE THE SUBMIT<br>MAWARE THAT THERI | Y RESPONSIBLE FOR OI<br>TED INFORMATION IS T<br>E ARE SIGNIFICANT PEI<br>E POSSIBILITY OF FINE | TRUE, ACCURA<br>NALTIES FOR S  | TE AND Earl L. Deskins, P                |                                                                 | Plant Manager 865 7              |        | 7-2501  | 02             | 12   | 12  |
| TYPED OR PRINTED                                                                                                                                    | 18 U.S.C. §1001               | AND 33 U.S.C. §1319. (                    | (Penallies under Ihese sta<br>f belween 6 months and 5                                         | atules may inclu               |                                          | SIGNATURE OF PRINCIPAL EXECUTIVE<br>OFFICER OR AUTHORIZED AGENT |                                  | AREA N | UMBER   | YEAR           | MO   | YAC |
| COMMENTS AND EXPLANATION OF ANY<br>No Discharge this Period                                                                                         |                               | · · · · · · · · · · · · · · · · · · ·     |                                                                                                |                                | l                                        |                                                                 |                                  | CODE   |         | _1             |      |     |
|                                                                                                                                                     |                               |                                           |                                                                                                |                                |                                          |                                                                 |                                  |        |         |                |      |     |
| EPA Form 3320-1 (08-95) Previ                                                                                                                       | ous editions may not be       | used.                                     | (REPLACES                                                                                      | EPA FORM T                     | -40 WHICH MA                             | Y NOT BE USED)                                                  |                                  |        | Ρ       | age 1 of       | 1    |     |

| PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)           Name         TVA - KINGSTON FOSSIL PLANT           Address         714 SWAN POND ROAD |                       |                                       | NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)<br>DISCHARGE MONITORING REPORT (DMR)<br>(2-16) (17-19) |                 |                              | (SUBR 03)                        |                  |              | Form Approved.<br>OMB No. 2040-0004<br>Approval expires 05-31-98 |                     |                |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------|------------------------------|----------------------------------|------------------|--------------|------------------------------------------------------------------|---------------------|----------------|--|--|
| HARRIMAN, TN 37748                                                                                                                                                   |                       |                                       |                                                                                                                | 005452          |                              | 001 G                            | F - FINAL        |              |                                                                  |                     |                |  |  |
| Facility TVA - KINGSTON FOSSIL PL                                                                                                                                    | ANT                   |                                       | PERM                                                                                                           | <u>r numbef</u> |                              | GE NUMBER                        | ASH POND WASTE   | WATER        |                                                                  |                     |                |  |  |
| Location ROANE COUNTY (KFO) TN                                                                                                                                       |                       |                                       |                                                                                                                |                 | ITORING PERIOD               |                                  | EFFLUE           |              |                                                                  |                     |                |  |  |
|                                                                                                                                                                      |                       |                                       | From 02                                                                                                        | MO DA           |                              | MO DAY<br>11 30                  | *** NO DISCHAR   |              | ***                                                              | ation data fam.     | _              |  |  |
| PARAMETER                                                                                                                                                            |                       |                                       |                                                                                                                | (22-23) (24-2   | 25) (26-27)<br>(4 Card Only) | (28-29) (30-31)<br>QUALITY OR CO | NOTE: Read instr | uctions belo | NO.                                                              | FREQUENCY           |                |  |  |
| PARAMETER                                                                                                                                                            |                       | (3 Card Only) QUAN<br>(46-53)         | ITITY OR LOADING<br>(54-61)                                                                                    |                 | (38-45)                      | (46-53)                          | (54-61)          |              | EX                                                               | OF                  | TYPE           |  |  |
| (32-37)                                                                                                                                                              |                       | AVERAGE                               | MAXIMUM                                                                                                        | UNITS           | MINIMUM                      | AVERAGE                          | MAXIMUM          | UNITS        | (62-63)                                                          | ANALYSIS<br>(64-68) | (69-70)        |  |  |
| PH                                                                                                                                                                   | SAMPLE                | ******                                | ******                                                                                                         | **              | 7.5                          | ******                           | ******           | 12           | 0                                                                | 4/30                | GRAB           |  |  |
| 00400 1 0 0                                                                                                                                                          | PERMIT                | ******                                | *******                                                                                                        | ****            | 6.0                          | *******                          | ******           | รบ           | · .                                                              | WEEKLY              | GRAB           |  |  |
| EFFLUENT GROSS VALUE                                                                                                                                                 | REQUIREMENT           |                                       |                                                                                                                |                 | DAILY MN                     |                                  |                  |              |                                                                  |                     |                |  |  |
| SOLIDS, TOTAL SUSPENDED                                                                                                                                              | SAMPLE<br>MEASUREMENT | ******                                | ****                                                                                                           | **              | ******                       | 15                               | 15               | 19           | 0                                                                | 2/30                | GRAB           |  |  |
| 00530 1 0 0                                                                                                                                                          | PERMIT                | *******                               | ******                                                                                                         | ***             | ******                       | 30                               | 92               | MG/L         | 10.0                                                             | ONCE/               | GRAB           |  |  |
| EFFLUENT GROSS VALUE                                                                                                                                                 | REQUIREMENT           |                                       |                                                                                                                |                 |                              | MO AVG                           | DAILY MX         |              |                                                                  | MONTH               |                |  |  |
| OIL AND GREASE                                                                                                                                                       | SAMPLE<br>MEASUREMENT | *****                                 | ******                                                                                                         | **              | *****                        | <5.0                             | <5.0             | 19           | 0                                                                | 2/30                | GRAB           |  |  |
| 00556 1 0 0                                                                                                                                                          | PERMIT                | *******                               | ******                                                                                                         | ****            | ******                       | 14.4                             | 19.4             | MG/L         |                                                                  | ONCE/               | GRAB           |  |  |
| EFFLUENT GROSS VALUE                                                                                                                                                 | REQUIREMENT           |                                       |                                                                                                                |                 |                              | MO AVG                           | DAILY MX         |              |                                                                  | MONTH               | n te trait a l |  |  |
| FLOW, IN CONDUIT OR THRU<br>TREATMENT PLANT                                                                                                                          | SAMPLE<br>MEASUREMENT | 39.2                                  | 42.2                                                                                                           | 03              | ****                         | *****                            | ******           | **           | 0                                                                | 4/30                | INSTAN         |  |  |
| 50050 1 0 0<br>EFFLUENT GROSS VALUE                                                                                                                                  | PERMIT<br>REQUIREMENT | REPORT<br>MO AVG                      | REPORT<br>DAILY MX                                                                                             | MGD             | *****                        | *****                            | *****            | ****         |                                                                  | WEEKLY              | INSTAN         |  |  |
|                                                                                                                                                                      | SAMPLE<br>MEASUREMENT |                                       |                                                                                                                |                 |                              |                                  |                  |              |                                                                  |                     |                |  |  |
|                                                                                                                                                                      | PERMIT<br>REQUIREMENT |                                       |                                                                                                                |                 |                              | · . ·                            |                  |              |                                                                  |                     |                |  |  |
|                                                                                                                                                                      | SAMPLE<br>MEASUREMENT |                                       |                                                                                                                |                 |                              |                                  |                  |              |                                                                  |                     |                |  |  |
|                                                                                                                                                                      | PERMIT<br>REQUIREMENT |                                       |                                                                                                                |                 |                              |                                  |                  | <br>         |                                                                  |                     | · .            |  |  |
|                                                                                                                                                                      | SAMPLE<br>MEASUREMENT |                                       |                                                                                                                |                 |                              |                                  |                  |              |                                                                  |                     |                |  |  |
|                                                                                                                                                                      | PERMIT<br>REQUIREMENT | · · · · · · · · · · · · · · · · · · · | · 1.                                                                                                           |                 |                              |                                  | :                | [            |                                                                  |                     |                |  |  |

| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM                                                                                                      | PAPT                           | TE           | LEPHONE  | DATE |    |     |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------|----------|------|----|-----|
| J.R. Bynum                             | OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE                                                                                                             | Earl L. Deskins                |              |          |      |    |     |
|                                        | INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND<br>COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING                         | Earl L. Deskins, Plant Manager | 865          | 717-2501 | 02   | 12 | 12  |
| Exec. V.P., Fossil Power Group         | FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE<br>18 U.S.C. §1001 AND 33 U.S.C. §1319. (Penallies under these statules may include fines up to |                                | 1051         |          | 1    |    |     |
|                                        | \$10,000 and or maximum imprisonment of between 6 months and 5 years.)                                                                                                     |                                | AREA<br>CODE | NUMBER   | YEAR | MO | DAY |

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

| PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) Name TVA - KINGSTON FOSSIL PLANT |                       |                   |                                       |               | ARGE ELIMINATION S<br>INITORING REPOR | $\tau$ (DMR)   |                  |                |              |                |          |  |
|-------------------------------------------------------------------------------------------------------|-----------------------|-------------------|---------------------------------------|---------------|---------------------------------------|----------------|------------------|----------------|--------------|----------------|----------|--|
| Address 714 SWAN POND ROAD                                                                            |                       |                   |                                       | (2-16)        |                                       |                |                  |                |              |                |          |  |
| HARRIMAN, TN 37748                                                                                    |                       |                   | TNC                                   | 005452        |                                       | 002 G 🛛        | F - FINAL        | phionar exhin  | 58 00-0 1-80 |                |          |  |
|                                                                                                       |                       |                   | PERMI                                 | T NUMBER      | DISCHAR                               | RGE NUMBER     | ONCE THROUGH C   | ONDENSE        | R COO        | DL WATER       |          |  |
| FacilityTVA - KINGSTON FOSSIL PL                                                                      |                       |                   |                                       |               |                                       |                | EFFLUE           |                |              |                |          |  |
| Location ROANE COUNTY (KFO) T                                                                         | <u>N 37763</u>        |                   | YEAR                                  |               | TORING PERIOI                         |                |                  |                |              |                |          |  |
|                                                                                                       |                       |                   | From 02                               | 11 01         |                                       | 11 30          | *** NO DISCHAR   | GE             | ***          |                |          |  |
| ATTN: LINDY PRINTZ                                                                                    |                       |                   | •                                     | (22-23) (24-2 |                                       |                | NOTE: Read instr | uctions before | e compl      | eting this for | m.       |  |
| PARAMETER                                                                                             |                       | (3 Card Only) QUA | NTITY OR LOADING                      | (22-23) (24-2 | (4 Card Only)                         | QUALITY OR CON | CENTRATION       |                | NO.          | FREQUENCY      | SAMPLE   |  |
|                                                                                                       | $\sim$                | (46-53)           | (54-61)                               |               | (38-45)                               | (46-53)        | (54-61)          |                | EX           | OF<br>ANALYSIS | TYPE     |  |
| (32-37)                                                                                               |                       | AVERAGE           | MAXIMUM                               | UNITS         | MINIMUM                               | AVERAGE        | MAXIMUM          | UNITS          | (62-63)      |                | (69-70)  |  |
| TEMPERATURE, WATER DEG.<br>CENTIGRADE                                                                 | SAMPLE<br>MEASUREMENT | ******            | ******                                | **            | ******                                | ******         | 16.8             | 04             | 0            | 30 / 30        | RCORDF   |  |
| 00010 7 0 0                                                                                           | PERMIT                | ******            | ****                                  | ****          | *****                                 | *****          | DEBOOT           |                |              | CONTIN         | RCORDF   |  |
| INTAKE                                                                                                | REQUIREMENT           |                   |                                       |               |                                       |                | REPORT           | DEG. C.        | ·            |                | RUURDH   |  |
|                                                                                                       |                       |                   | · · · · · · · · · · · · · · · · · · · | ļ             |                                       |                | DAILY MX         |                | <b>_</b>     | UOUS           | · · ·    |  |
| TEMPERATURE, WATER DEG.<br>CENTIGRADE                                                                 | SAMPLE<br>MEASUREMENT | ******            | ******                                | **            | *******                               | ******         | 23.1             | 04             | 0            | 30 / 30        | CALCTD   |  |
| 00010 1 0 0                                                                                           | PERMIT                | ******            | ******                                | ****          | *******                               | ******         | 36.1             | DEG. C.        |              | DAILY          | CALCTD   |  |
| EFFLUENT GROSS VALUE                                                                                  | REQUIREMENT           |                   |                                       |               |                                       |                | DAILY MX         |                |              |                |          |  |
| РН                                                                                                    | SAMPLE<br>MEASUREMENT | ******            | ******                                | **            | 7.2                                   | ****           | 7.6              | 12             | 0            | 4 / 30         | GRAB     |  |
| 00400 1 0 0                                                                                           | PERMIT                | ******            | ******                                | ****          | ····                                  | ****           |                  | รบ             | <u> </u>     | WEEKLY         | GRAB     |  |
| EFFLUENT GROSS VALUE                                                                                  | REQUIREMENT           |                   |                                       |               | 6.0                                   |                | 9.0              | 50             |              | WEERLI         | GIVAD    |  |
|                                                                                                       |                       |                   |                                       |               | DAILY MN                              |                | DAILY MX         |                | :<br>        |                | <u> </u> |  |
| FLOW, IN CONDUIT OR THRU<br>TREATMENT PLANT                                                           | SAMPLE<br>MEASUREMENT | 1201.1            | 1257.8                                | 03            | *******                               | ******         | *****            | **             | 0            | 30 / 30        | PMPLOG   |  |
| 50050 1 0 0                                                                                           | PERMIT                | REPORT            | REPORT                                | MGD           | *****                                 | ******         | ******           | ****           | · .          | DAILY          | PMPLOG   |  |
| EFFLUENT GROSS VALUE                                                                                  | REQUIREMENT           | MO AV             | DAILY MX                              |               |                                       |                |                  |                | . '          |                |          |  |
| CHLORINE, TOTAL RESIDUAL                                                                              | SAMPLE<br>MEASUREMENT | *******           | *****                                 | **            | ******                                | Not applicable | Not applicable   | 19             |              |                |          |  |
| 50060 O 0 0                                                                                           | PERMIT                | ******            | ******                                | ****          | ****                                  | 0.000          | 0.000            | MG/L           |              | WEEKLY         | GRAB     |  |
|                                                                                                       | REQUIREMENT           |                   |                                       |               |                                       | 0.038          | 0.066            | WIGIL          |              | WELLING I      |          |  |
| SEE COMMENTS BELOW                                                                                    |                       |                   |                                       |               | ******                                | MO AV          | DAILY MX         | ·              |              | · · ·          | <u> </u> |  |
| CHLORINE, TOTAL RESIDUAL                                                                              | SAMPLE<br>MEASUREMENT | *******           | ******                                | **            | *******                               | Not applicable | Not applicable   | 19             |              |                |          |  |
| 50060 P 0 0                                                                                           | PERMIT                | *****             | ******                                |               | *******                               | 0.011          | 0.019            | MG/L           |              | WEEKLY         | GRAB     |  |
| SEE COMMENTS BELOW                                                                                    | REQUIREMENT           |                   |                                       |               |                                       | MOAV           | DAILY MX         |                |              |                | ŀ        |  |
|                                                                                                       | SAMPLE                | ******            | ******                                | ***           | ******                                | *******        | Not applicable   | 5B             |              | <u>··</u>      |          |  |
|                                                                                                       | MEASUREMENT           |                   |                                       |               |                                       |                |                  | 50             |              |                | 1        |  |
| 78739 1 0 0                                                                                           | PERMIT                | ****              | *****                                 | ****          | *****                                 | *****          | 120              | MIN/DAY        |              | DAILY          | LOGS     |  |
| EFFLUENT GROSS VALUE                                                                                  | REQUIREMENT           | - "               |                                       |               |                                       |                | DAILY MX         |                |              |                |          |  |
|                                                                                                       |                       | ·····             | J. l                                  | ~             |                                       | J .            |                  | L              |              | <u> </u>       | L'       |  |

| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER |                                                                                                                                                                        | 0 1 0 1 1                        | TE           | LEPHONE  |      | DATE |     |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------|----------|------|------|-----|
|                                        | FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY<br>OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE                              | Earl L. Deskins                  |              |          |      |      |     |
|                                        | INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND<br>COMPLETE, 1 AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING                     | Earl L. Deskins, Plant Manager   | 865          | 717-2501 | 02   | 12   | 12  |
|                                        | FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE                                                                                             | SIGNATURE OF PRINCIPAL EXECUTIVE |              |          |      |      |     |
|                                        | 18 U.S.C. §1001 AND 33 U.S.C. §1319. (Penalties under these statutes may include fines up to<br>\$10,000 and or maximum imprisonment of between 6 months and 5 years.) | OFFICER OR AUTHORIZED AGENT      | AREA<br>CODE | NUMBER   | YEAR | MO   | DAY |

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

O=3/ The limits depicted are applicable at flows of 654 MGD, and above, from outfall 002 O=4/ The limits depicted are applicable at flows less than 654 MGD, in lieu of the limits shown in footnote 3

| PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) Name TVA - KINGSTON FOSSIL PLANT Address 714 SWAN POND ROAD |                       |                                                                      |                                                    |                                     | NITORING REP                     | N SYSTEM (NPDES)<br>ORT (DMR)<br>(17-19)<br>002 T<br>IARGE NUMBER | NITORING                | Form Approved,<br>OMB No. 2040-0004<br>Approval expires 05-31- |           |                                                |       |             |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------------------------------------|----------------------------------------------------|-------------------------------------|----------------------------------|-------------------------------------------------------------------|-------------------------|----------------------------------------------------------------|-----------|------------------------------------------------|-------|-------------|--|--|
| Facility TVA - KINGSTON FOSSIL PLAN<br>Location ROANE COUNTY (KFQ) TN 3                                                          | NT                    |                                                                      |                                                    | MONI                                | TORING PER                       |                                                                   | EFFLUE                  |                                                                |           |                                                |       |             |  |  |
| ATTN: LINDY PRINTZ                                                                                                               |                       |                                                                      | From <b>02</b>                                     | 11 01<br>(22-23) (24-25             | To 02                            | · _ · _ · _ · _ · _ · _ · _ · _ · _ · _                           | NO DISCHA               | ARGE                                                           | e compl   | eting this for                                 | m.    |             |  |  |
| PARAMETER                                                                                                                        |                       | (3 Card Only) QUAN<br>(46-53)                                        | ITITY OR LOADING<br>(54-61)                        |                                     | 4 Card Only)<br>(38-45)          |                                                                   | ONCENTRATION<br>(54-61) |                                                                | NO.<br>EX | FREQUENC<br>OF                                 | l n   | MPLE<br>YPE |  |  |
| (32-37)                                                                                                                          |                       | AVERAGE                                                              | MAXIMUM                                            | UNITS                               | MINIMUM                          | AVERAGE                                                           | MAXIMUM                 | UNITS                                                          | (62-63)   | ANALYSIS<br>(64-68)                            |       | 9-70)       |  |  |
| IC25 STATRE 7DAY CHR<br>CERIODAPHNIA                                                                                             | SAMPLE<br>MEASUREMENT | ******                                                               | ******                                             | **                                  | >100                             | *****                                                             | ******                  | 23                                                             | 0         | 1/30                                           | CON   | MPOS        |  |  |
| TRP3B 1 0 0                                                                                                                      | PERMIT                | ******                                                               | ******                                             | ****                                | 100                              | ******                                                            | *****                   | PERCENT                                                        | r         | ANNUAL                                         | . COI | MPOS        |  |  |
| EFFLUENT GROSS VALUE                                                                                                             | REQUIREMENT           |                                                                      | <u>.</u>                                           |                                     | MINIMUN                          | 1                                                                 |                         | · .                                                            |           |                                                | 1     |             |  |  |
| IC25 STATRE 7DAY CHR<br>PIMEPHALES                                                                                               | SAMPLE<br>MEASUREMENT | ******                                                               | *****                                              | **                                  | >100                             | ******                                                            | ******                  | 23                                                             | 0         | 1/30                                           | CON   | MPOS        |  |  |
| TRP6C 1 0 0<br>EFFLUENT GROSS VALUE                                                                                              | PERMIT<br>REQUIREMENT | *****                                                                | *******                                            | ****                                | 100<br>MINIMUN                   | ******                                                            | ******                  | PERCENI                                                        | r         | ANNUAL                                         | CON   | <b>NPOS</b> |  |  |
|                                                                                                                                  | SAMPLE<br>MEASUREMENT |                                                                      |                                                    |                                     |                                  |                                                                   |                         |                                                                | 1         |                                                | 1     |             |  |  |
|                                                                                                                                  | PERMIT<br>REQUIREMENT |                                                                      |                                                    |                                     |                                  |                                                                   |                         |                                                                |           |                                                | 1     |             |  |  |
|                                                                                                                                  | SAMPLE<br>MEASUREMENT |                                                                      | +<br>                                              |                                     | ·                                |                                                                   |                         | ·                                                              |           |                                                | 1     |             |  |  |
|                                                                                                                                  | PERMIT<br>REQUIREMENT |                                                                      |                                                    |                                     |                                  |                                                                   |                         | -1                                                             |           |                                                |       |             |  |  |
|                                                                                                                                  | SAMPLE<br>MEASUREMENT | · · · · · · · ·                                                      |                                                    |                                     |                                  |                                                                   |                         |                                                                | 1         | ; , <u>,</u> , , , , , , , , , , , , , , , , , |       |             |  |  |
|                                                                                                                                  | PERMIT<br>REQUIREMENT | · · · · · ·                                                          | · · · ·                                            |                                     |                                  |                                                                   |                         |                                                                |           |                                                |       |             |  |  |
|                                                                                                                                  | SAMPLE<br>MEASUREMENT |                                                                      | <u>-</u>                                           |                                     |                                  |                                                                   |                         |                                                                |           | i                                              | 1     |             |  |  |
|                                                                                                                                  | PERMIT<br>REQUIREMENT |                                                                      |                                                    |                                     | ana kaan tanattiani kiani kaniti |                                                                   |                         |                                                                |           |                                                |       |             |  |  |
|                                                                                                                                  | SAMPLE<br>MEASUREMENT |                                                                      |                                                    |                                     |                                  |                                                                   |                         |                                                                |           |                                                |       |             |  |  |
|                                                                                                                                  | PERMIT<br>REQUIREMENT | ·                                                                    |                                                    |                                     |                                  | -                                                                 |                         |                                                                |           |                                                |       |             |  |  |
|                                                                                                                                  |                       |                                                                      |                                                    |                                     |                                  |                                                                   |                         |                                                                |           | ;                                              |       |             |  |  |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFI                                                                                              | FAMILIAR WITH         | R PENALTY OF LAW TH<br>THE INFORMATION SU                            | BMITTED HEREIN; AND                                | BASED ON MY                         |                                  | arl L. Des                                                        | kins)                   | TELEPHO                                                        |           | +                                              |       |             |  |  |
| J.R. Bynum                                                                                                                       | INFORMATION, I        | IDUALS IMMEDIATELY<br>BELIEVE THE SUBMIT                             | TED INFORMATION IS T                               | RUE, ACCURAT                        | E AND                            | Earl L. Deskins, F                                                | -                       | 865 717                                                        | 7-2501    | 02                                             | 12    | 12          |  |  |
| Exec. V.P., Fossil Power Group                                                                                                   | FALSE INFORMA         | M AWARE THAT THERE<br>TION, INCLUDING THE<br>AND 33 U.S.C. §1319. (I | POSSIBILITY OF FINE a<br>Penalties under these sta | AND IMPRISONN<br>itules may include | Aent. See 🛛 Si                   | IGNATURE OF PRINC                                                 |                         |                                                                | MBER      |                                                | MO    | DAY         |  |  |
| TYPED OR PRINTED<br>COMMENTS AND EXPLANATION OF ANY V                                                                            |                       | aximum imprisonment of                                               |                                                    | years.)                             | <u> </u>                         |                                                                   |                         | CODE                                                           |           |                                                |       | ]           |  |  |
| · · · · · · · · · · · · · · · · · · ·                                                                                            |                       |                                                                      | ,                                                  |                                     |                                  |                                                                   |                         |                                                                |           |                                                |       |             |  |  |