

Operations Services/Technical Programs

Annual Radiological Environmental Monitoring Report

Data Supplement

Watts Bar
Nuclear Plant
1993



ANNUAL RADIOLOGICAL ENVIRONMENTAL MONITORING REPORT

WATTS BAR NUCLEAR PLANT

DATA SUPPLEMENT

1993

TENNESSEE VALLEY AUTHORITY

OPERATIONS SERVICES

TECHNICAL PROGRAMS

April 1994

RADIOLOGICAL ENVIRONMENTAL MONITORING DATA

WATTS BAR NUCLEAR PLANT

1993

This supplement to the Watts Bar Nuclear Plant Annual Radiological Environmental Monitoring Report (AREMR) presents the results of individual sample analyses and radiation measurements. The results are ordered by sample type then by sample location and analysis type. If no gamma activity was detected in a sample, the notation 'NO ACTIVITY DETECTED' is entered in place of the activity. The sample locations are described in Appendix A to the AREMR.

These tables include all results, whether above or below the Lower Limit of Detection. Negative values are an artifact of counting statistics and do not imply a negative activity.

The uncertainty reported for specific analyses such as gross alpha, gross beta, Sr-89 and 90 and tritium is the one-sigma counting error. For gamma analyses, the uncertainty reported is the one-sigma error calculated by the gamma spectral analysis software.

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR TERM | DATE COLLECTED | LAB NO |
|-----------------------------------|-----------------------|------------|------------|----------------|--------|
| 2116 RM-2 DAYTON TN | 17.75 MILES NNE | GROSS BETA | | | |
| | | +0.0241 | +0.0026 | 12/28/92 | 300060 |
| | | +0.0135 | +0.0015 | 01/05/93 | 300161 |
| | | +0.0169 | +0.0019 | 01/12/93 | 300291 |
| | | +0.0314 | +0.0033 | 01/19/93 | 300400 |
| | | +0.0179 | +0.0020 | 01/26/93 | 300568 |
| | | +0.0238 | +0.0026 | 02/02/93 | 300694 |
| | | +0.0210 | +0.0024 | 02/09/93 | 300832 |
| | | +0.0145 | +0.0017 | 02/16/93 | 300942 |
| | | +0.0231 | +0.0025 | 02/23/93 | 301128 |
| | | +0.0199 | +0.0022 | 03/02/93 | 301236 |
| | | +0.0153 | +0.0017 | 03/09/93 | 301375 |
| | | +0.0117 | +0.0014 | 03/17/93 | 301476 |
| | | +0.0167 | +0.0019 | 03/23/93 | 301680 |
| | | +0.0155 | +0.0018 | 03/30/93 | 301788 |
| | | +0.0125 | +0.0015 | 04/06/93 | 301940 |
| | | +0.0133 | +0.0015 | 04/13/93 | 302061 |
| | | +0.0163 | +0.0018 | 04/20/93 | 302205 |
| | | +0.0119 | +0.0014 | 04/27/93 | 302337 |
| | | +0.0162 | +0.0018 | 05/04/93 | 302522 |
| | | +0.0172 | +0.0020 | 05/11/93 | 302643 |
| | | +0.0130 | +0.0015 | 05/18/93 | 302811 |
| | | +0.0160 | +0.0018 | 05/25/93 | 302931 |
| | | +0.0156 | +0.0018 | 06/01/93 | 303092 |
| | | +0.0161 | +0.0018 | 06/08/93 | 303207 |
| | | +0.0155 | +0.0017 | 06/15/93 | 303421 |
| | | +0.0163 | +0.0018 | 06/22/93 | 303528 |
| | | +0.0143 | +0.0016 | 06/29/93 | 303698 |
| | | +0.0236 | +0.0025 | 07/06/93 | 303795 |
| | | +0.0203 | +0.0022 | 07/13/93 | 303945 |
| | | +0.0150 | +0.0017 | 07/20/93 | 304073 |
| | | +0.0230 | +0.0025 | 07/27/93 | 304215 |
| | | +0.0215 | +0.0023 | 08/03/93 | 304320 |
| | | +0.0202 | +0.0022 | 08/10/93 | 304480 |
| | | +0.0278 | +0.0029 | 08/17/93 | 304580 |
| | | +0.0280 | +0.0030 | 08/24/93 | 304723 |
| | | +0.0283 | +0.0030 | 08/31/93 | 304843 |
| | | +0.0217 | +0.0023 | 09/07/93 | 305037 |
| | | +0.0268 | +0.0028 | 09/14/93 | 305153 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR | DATE | LAB NO | |
|--|-----------------------|-------------------|----------|-----------|----------|--------|
| | | | TERM | COLLECTED | | |
| 2116 RM-2 DAYTON TN 17.75 MILES NNE | GROSS BETA | +0.0213 | +0.0023 | 09/21/93 | 305291 | |
| | | +0.0212 | +0.0023 | 09/28/93 | 305393 | |
| | | +0.0208 | +0.0023 | 10/05/93 | 305559 | |
| | | +0.0256 | +0.0027 | 10/12/93 | 305660 | |
| | | +0.0279 | +0.0030 | 10/19/93 | 305814 | |
| | | +0.0210 | +0.0023 | 10/26/93 | 305917 | |
| | | +0.0180 | +0.0020 | 11/02/93 | 306080 | |
| | | +0.0184 | +0.0021 | 11/08/93 | 306297 | |
| | | +0.0276 | +0.0029 | 11/16/93 | 306437 | |
| | | +0.0162 | +0.0019 | 11/22/93 | 306548 | |
| | | +0.0281 | +0.0030 | 11/30/93 | 306717 | |
| | | +0.0244 | +0.0026 | 12/07/93 | 306819 | |
| | | +0.0261 | +0.0028 | 12/14/93 | 306951 | |
| | +0.0136 | +0.0015 | 12/21/93 | 307052 | | |
| | | GAMMA SCAN (GELI) | | | | |
| | | BE-7 | +0.0617 | +0.0061 | 01/19/93 | 300474 |
| | | | +0.0789 | +0.0060 | 02/16/93 | 301016 |
| | | | +0.0921 | +0.0057 | 03/17/93 | 301557 |
| | | | +0.1012 | +0.0061 | 04/13/93 | 302133 |
| | | | +0.1219 | +0.0084 | 05/11/93 | 302726 |
| | | | +0.0951 | +0.0067 | 06/08/93 | 303299 |
| | | | +0.0863 | +0.0066 | 07/06/93 | 303869 |
| | | | +0.1048 | +0.0074 | 08/03/93 | 304395 |
| | | | +0.0976 | +0.0065 | 08/31/93 | 304924 |
| | | | +0.1036 | +0.0061 | 09/28/93 | 305468 |
| | | | +0.0932 | +0.0062 | 10/26/93 | 305992 |
| | | | +0.0705 | +0.0051 | 11/22/93 | 306638 |
| | | | +0.0606 | +0.0043 | 12/21/93 | 307133 |
| | | BI-214 | +0.0057 | +0.0008 | 01/19/93 | 300474 |
| | | | +0.0063 | +0.0009 | 02/16/93 | 301016 |
| | | | +0.0059 | +0.0008 | 03/17/93 | 301557 |
| | | | +0.0010 | +0.0006 | 04/13/93 | 302133 |
| | | | +0.0022 | +0.0006 | 05/11/93 | 302726 |
| | | | +0.0009 | +0.0006 | 06/08/93 | 303299 |
| | | K-40 | +0.0015 | +0.0029 | 08/03/93 | 304395 |
| | | | +0.0020 | +0.0027 | 08/31/93 | 304924 |
| | | | +0.0033 | +0.0029 | 01/19/93 | 300474 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROJECTIONS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|--|---------------------------|----------|------------|------------------|----------|--------|
| | | | TERM | COLLECTED LAB NO | | |
| 2116 RM-2 DAYTON TN 17.75 MILES NNE | GAMMA SCAN (GELI) K-40 | +0.0068 | +0.0059 | 04/13/93 | 302133 | |
| | | +0.0040 | +0.0045 | 08/03/93 | 304395 | |
| | +0.0089 | +0.0064 | 10/26/93 | 305992 | | |
| | +0.0010 | +0.0041 | 12/21/93 | 307133 | | |
| | PB-212 | +0.0001 | +0.0003 | 01/19/93 | 300474 | |
| | | +0.0002 | +0.0003 | 04/13/93 | 302133 | |
| | PB-214 | +0.0041 | +0.0006 | 01/19/93 | 300474 | |
| | | +0.0060 | +0.0007 | 02/16/93 | 301016 | |
| | | +0.0049 | +0.0008 | 03/17/93 | 301557 | |
| | | +0.0015 | +0.0005 | 04/13/93 | 302133 | |
| | | +0.0028 | +0.0007 | 05/11/93 | 302726 | |
| | | +0.0013 | +0.0005 | 06/08/93 | 303299 | |
| | | +0.0001 | +0.0005 | 08/03/93 | 304395 | |
| | TL-208 | +0.0002 | +0.0003 | 04/13/93 | 302133 | |
| | | +0.0006 | +0.0003 | 06/08/93 | 303299 | |
| | SR 89 | | -0.0001 | +0.0002 | 03/17/93 | 301558 |
| | | | +0.0000 | +0.0002 | 06/08/93 | 303300 |
| | | | -0.0001 | +0.0002 | 08/31/93 | 304925 |
| | | | +0.0000 | +0.0002 | 12/21/93 | 307134 |
| | SR 90 | | +0.0001 | +0.0001 | 03/17/93 | 301558 |
| | | | +0.0000 | +0.0001 | 06/08/93 | 303300 |
| | | | +0.0002 | +0.0001 | 08/31/93 | 304925 |
| | | | +0.0000 | +0.0001 | 12/21/93 | 307134 |
| 3101 LM1 ENV DATA STA 0.5 MILES SSW | GROSS BETA | +0.0211 | +0.0023 | 12/28/92 | 300084 | |
| | | +0.0156 | +0.0017 | 01/05/93 | 300190 | |
| | | +0.0192 | +0.0021 | 01/12/93 | 300308 | |
| | | +0.0334 | +0.0035 | 01/19/93 | 300435 | |
| | | +0.0168 | +0.0019 | 01/26/93 | 300592 | |
| | | +0.0233 | +0.0025 | 02/02/93 | 300722 | |
| | | +0.0202 | +0.0023 | 02/09/93 | 300849 | |
| | | +0.0137 | +0.0016 | 02/16/93 | 300976 | |
| | | +0.0256 | +0.0028 | 02/23/93 | 301152 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROJECTS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR TERM | DATE COLLECTED | LAB NO |
|-----------------------------------|-----------------------|------------|------------|----------------|--------|
| 3101 LM1 ENV DATA STA | 0.5 MILES SSW | GROSS BETA | | | |
| | | +0.0190 | +0.0021 | 03/02/93 | 301264 |
| | | +0.0133 | +0.0016 | 03/09/93 | 301392 |
| | | +0.0135 | +0.0016 | 03/17/93 | 301511 |
| | | +0.0201 | +0.0022 | 03/23/93 | 301704 |
| | | +0.0153 | +0.0017 | 03/30/93 | 301816 |
| | | +0.0107 | +0.0013 | 04/06/93 | 301957 |
| | | +0.0160 | +0.0018 | 04/13/93 | 302094 |
| | | +0.0171 | +0.0019 | 04/20/93 | 302229 |
| | | +0.0144 | +0.0017 | 04/27/93 | 302405 |
| | | +0.0175 | +0.0020 | 05/04/93 | 302539 |
| | | +0.0147 | +0.0017 | 05/11/93 | 302687 |
| | | +0.0133 | +0.0016 | 05/18/93 | 302835 |
| | | +0.0141 | +0.0016 | 05/25/93 | 302958 |
| | | +0.0151 | +0.0017 | 06/01/93 | 303109 |
| | | +0.0165 | +0.0019 | 06/08/93 | 303243 |
| | | +0.0139 | +0.0016 | 06/15/93 | 303445 |
| | | +0.0162 | +0.0018 | 06/22/93 | 303556 |
| | | +0.0137 | +0.0016 | 06/29/93 | 303715 |
| | | +0.0236 | +0.0026 | 07/06/93 | 303829 |
| | | +0.0199 | +0.0022 | 07/13/93 | 303969 |
| | | +0.0184 | +0.0021 | 07/20/93 | 304100 |
| | | +0.0249 | +0.0027 | 07/27/93 | 304232 |
| | | +0.0203 | +0.0023 | 08/03/93 | 304354 |
| | | +0.0198 | +0.0022 | 08/10/93 | 304504 |
| | | +0.0218 | +0.0024 | 08/17/93 | 304607 |
| | | +0.0272 | +0.0029 | 08/24/93 | 304740 |
| | | +0.0281 | +0.0030 | 08/31/93 | 304878 |
| | | +0.0227 | +0.0025 | 09/07/93 | 305061 |
| | | +0.0263 | +0.0028 | 09/14/93 | 305181 |
| | | +0.0207 | +0.0023 | 09/21/93 | 305308 |
| | | +0.0247 | +0.0027 | 09/28/93 | 305427 |
| | | +0.0197 | +0.0022 | 10/05/93 | 305583 |
| | | +0.0261 | +0.0028 | 10/12/93 | 305688 |
| | | +0.0246 | +0.0026 | 10/19/93 | 305831 |
| | | +0.0194 | +0.0021 | 10/26/93 | 305951 |
| | | +0.0201 | +0.0022 | 11/02/93 | 306119 |
| | | +0.0160 | +0.0018 | 11/08/93 | 306325 |
| | | +0.0297 | +0.0031 | 11/16/93 | 306454 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | |
|-------------------------------------|-----------------------|----------|-----------------|------------------|-----------------|
| | | | TERM | COLLECTED LAB NO | |
| 3101 LM1 ENV DATA STA 0.5 MILES SSW | GROSS BETA | +0.0132 | +0.0016 | 11/22/93 306596 | |
| | | +0.0243 | +0.0026 | 12/01/93 306741 | |
| | | +0.0227 | +0.0025 | 12/07/93 306847 | |
| | | +0.0226 | +0.0025 | 12/14/93 306968 | |
| | | +0.0164 | +0.0018 | 12/21/93 307087 | |
| | GAMMA SCAN (GELI) | AC-228 | +0.0001 | +0.0009 | 08/03/93 304402 |
| | | | +0.0691 | +0.0080 | 01/19/93 300481 |
| | | | BE-7 | +0.0792 | +0.0062 |
| | | +0.0904 | | +0.0064 | 03/17/93 301565 |
| | | +0.0952 | | +0.0063 | 04/13/93 302140 |
| | | +0.1254 | | +0.0095 | 05/11/93 302733 |
| | | +0.0990 | | +0.0064 | 06/08/93 303307 |
| | | +0.0925 | | +0.0106 | 07/06/93 303876 |
| | | +0.0992 | | +0.0059 | 08/03/93 304402 |
| | | +0.0947 | | +0.0062 | 08/31/93 304932 |
| | | +0.0945 | | +0.0069 | 09/28/93 305475 |
| | | +0.0801 | | +0.0052 | 10/26/93 305999 |
| | | +0.0534 | | +0.0051 | 11/22/93 306645 |
| | | +0.0567 | | +0.0043 | 12/21/93 307141 |
| | | BI-214 | +0.0061 | +0.0011 | 01/19/93 300481 |
| | | | +0.0013 | +0.0007 | 02/16/93 301023 |
| | | | +0.0016 | +0.0006 | 05/11/93 302733 |
| | | | +0.0023 | +0.0007 | 06/08/93 303307 |
| | | | +0.0002 | +0.0005 | 12/21/93 307141 |
| | | K-40 | +0.0084 | +0.0040 | 01/19/93 300481 |
| | | | +0.0051 | +0.0039 | 02/16/93 301023 |
| | | | +0.0002 | +0.0053 | 06/08/93 303307 |
| | | | +0.0081 | +0.0073 | 07/06/93 303876 |
| | | | +0.0051 | +0.0061 | 08/03/93 304402 |
| | | | +0.0079 | +0.0066 | 08/31/93 304932 |
| | | | +0.0052 | +0.0050 | 09/28/93 305475 |
| | | | +0.0050 | +0.0051 | 10/26/93 305999 |
| | +0.0011 | | +0.0039 | 11/22/93 306645 | |
| +0.0045 | +0.0050 | | 12/21/93 307141 | | |
| PB-212 | +0.0004 | +0.0003 | 01/19/93 300481 | | |
| | +0.0001 | +0.0005 | 08/03/93 304402 | | |

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 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR TERM | DATE COLLECTED | LAB NO | |
|--|-----------------------------|----------|------------|----------------|----------|--------|
| 3101 LM1 ENV DATA STA 0.5 MILES SSW | GAMMA SCAN (GELI) PB-212 | +0.0002 | +0.0004 | 08/31/93 | 304932 | |
| | | +0.0000 | +0.0003 | 11/22/93 | 306645 | |
| | PB-214 | +0.0058 | +0.0008 | 01/19/93 | 300481 | |
| | | +0.0012 | +0.0006 | 02/16/93 | 301023 | |
| | | +0.0033 | +0.0008 | 04/13/93 | 302140 | |
| | | +0.0017 | +0.0006 | 05/11/93 | 302733 | |
| | | +0.0017 | +0.0010 | 06/08/93 | 303307 | |
| | | +0.0010 | +0.0009 | 07/06/93 | 303876 | |
| | | +0.0002 | +0.0004 | 08/31/93 | 304932 | |
| | | +0.0021 | +0.0005 | 09/28/93 | 305475 | |
| | | TL-208 | +0.0002 | +0.0003 | 07/06/93 | 303876 |
| | | | +0.0007 | +0.0003 | 08/03/93 | 304402 |
| | SR 89 | +0.0003 | +0.0003 | 09/28/93 | 305475 | |
| | | +0.0002 | +0.0003 | 03/17/93 | 301566 | |
| | | +0.0003 | +0.0002 | 06/08/93 | 303308 | |
| | | +0.0001 | +0.0002 | 08/31/93 | 304933 | |
| | SR 90 | -0.0001 | +0.0002 | 12/21/93 | 307142 | |
| | | +0.0000 | +0.0001 | 03/17/93 | 301566 | |
| | | -0.0001 | +0.0001 | 06/08/93 | 303308 | |
| | | +0.0000 | +0.0001 | 08/31/93 | 304933 | |
| 3102 LM2 N. WBSP GATE 0.5 MILES N | GROSS BETA | +0.0001 | +0.0001 | 12/21/93 | 307142 | |
| | | +0.0221 | +0.0024 | 12/28/92 | 300087 | |
| | | +0.0141 | +0.0016 | 01/05/93 | 300193 | |
| | | +0.0166 | +0.0019 | 01/12/93 | 300310 | |
| | | +0.0327 | +0.0035 | 01/19/93 | 300437 | |
| | | +0.0169 | +0.0019 | 01/26/93 | 300595 | |
| | | +0.0223 | +0.0024 | 02/02/93 | 300725 | |
| | | +0.0218 | +0.0024 | 02/10/93 | 300851 | |
| | | +0.0133 | +0.0016 | 02/16/93 | 300978 | |
| | | +0.0207 | +0.0023 | 02/23/93 | 301156 | |
| +0.0211 | +0.0023 | 03/02/93 | 301267 | | | |
| +0.0157 | +0.0018 | 03/10/93 | 301394 | | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO |
|-----------------------------------|-----------------------|------------|------------|-----------|--------|
| | | | TERM | COLLECTED | |
| 3102 LM2 N. WBSP GATE | 0.5 MILES N | GROSS BETA | | | |
| | | +0.0132 | +0.0015 | 03/17/93 | 301513 |
| | | +0.0178 | +0.0020 | 03/23/93 | 301707 |
| | | +0.0141 | +0.0016 | 03/30/93 | 301819 |
| | | +0.0117 | +0.0014 | 04/06/93 | 301959 |
| | | +0.0136 | +0.0016 | 04/13/93 | 302096 |
| | | +0.0147 | +0.0017 | 04/20/93 | 302232 |
| | | +0.0136 | +0.0016 | 04/27/93 | 302408 |
| | | +0.0172 | +0.0019 | 05/04/93 | 302541 |
| | | +0.0172 | +0.0019 | 05/11/93 | 302689 |
| | | +0.0149 | +0.0017 | 05/18/93 | 302838 |
| | | +0.0141 | +0.0016 | 05/25/93 | 302961 |
| | | +0.0156 | +0.0017 | 06/02/93 | 303111 |
| | | +0.0175 | +0.0020 | 06/08/93 | 303246 |
| | | +0.0163 | +0.0018 | 06/15/93 | 303448 |
| | | +0.0169 | +0.0019 | 06/22/93 | 303559 |
| | | +0.0144 | +0.0017 | 06/29/93 | 303717 |
| | | +0.0251 | +0.0027 | 07/06/93 | 303831 |
| | | +0.0183 | +0.0021 | 07/13/93 | 303972 |
| | | +0.0180 | +0.0020 | 07/20/93 | 304103 |
| | | +0.0215 | +0.0024 | 07/27/93 | 304234 |
| | | +0.0226 | +0.0025 | 08/03/93 | 304356 |
| | | +0.0218 | +0.0024 | 08/10/93 | 304507 |
| | | +0.0239 | +0.0026 | 08/17/93 | 304610 |
| | | +0.0298 | +0.0031 | 08/25/93 | 304742 |
| | | +0.0265 | +0.0029 | 08/31/93 | 304880 |
| | | +0.0220 | +0.0024 | 09/07/93 | 305064 |
| | | +0.0274 | +0.0029 | 09/14/93 | 305184 |
| | | +0.0196 | +0.0022 | 09/21/93 | 305310 |
| | | +0.0250 | +0.0027 | 09/28/93 | 305429 |
| | | +0.0201 | +0.0022 | 10/05/93 | 305586 |
| | | +0.0253 | +0.0027 | 10/12/93 | 305691 |
| | | +0.0252 | +0.0027 | 10/19/93 | 305833 |
| | | +0.0236 | +0.0026 | 10/26/93 | 305953 |
| | | +0.0208 | +0.0023 | 11/03/93 | 306122 |
| | | +0.0165 | +0.0019 | 11/08/93 | 306328 |
| | | +0.0330 | +0.0035 | 11/16/93 | 306456 |
| | | +0.0126 | +0.0015 | 11/22/93 | 306598 |
| | | +0.0281 | +0.0030 | 12/01/93 | 306745 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | |
|-----------------------------------|-----------------------|-----------------|------------|-------------------------|
| | | | TERM | COLLECTED LAB NO |
| 3102 LM2 N. WBSP GATE 0.5 MILES N | GROSS BETA | +0.0226 | +0.0025 | 12/07/93 306850 |
| | | +0.0236 | +0.0026 | 12/14/93 306970 |
| | | +0.0154 | +0.0017 | 12/21/93 307089 |
| | GAMMA SCAN (GELI) | | | |
| | | AC-228 | +0.0015 | +0.0013 04/13/93 302141 |
| | | | +0.0011 | +0.0011 08/31/93 304934 |
| | BE-7 | +0.0003 | +0.0009 | 10/26/93 306000 |
| | | +0.0009 | +0.0010 | 11/22/93 306646 |
| | | +0.0008 | +0.0012 | 12/21/93 307143 |
| | | +0.0673 | +0.0067 | 01/19/93 300482 |
| | | +0.0845 | +0.0067 | 02/16/93 301024 |
| | | +0.0958 | +0.0068 | 03/17/93 301567 |
| | | +0.0984 | +0.0059 | 04/13/93 302141 |
| | | +0.1263 | +0.0090 | 05/11/93 302734 |
| | | +0.0982 | +0.0055 | 06/08/93 303309 |
| | | +0.0924 | +0.0054 | 07/06/93 303877 |
| | | +0.1027 | +0.0060 | 08/03/93 304403 |
| | | +0.0982 | +0.0077 | 08/31/93 304934 |
| | | +0.1144 | +0.0084 | 09/28/93 305476 |
| | | +0.0958 | +0.0063 | 10/26/93 306000 |
| | | +0.0755 | +0.0053 | 11/22/93 306646 |
| +0.0708 | +0.0051 | 12/21/93 307143 | | |
| | BI-214 | +0.0056 | +0.0011 | 01/19/93 300482 |
| | | +0.0038 | +0.0008 | 02/16/93 301024 |
| | | +0.0001 | +0.0007 | 03/17/93 301567 |
| | | +0.0013 | +0.0006 | 04/13/93 302141 |
| | | +0.0044 | +0.0009 | 05/11/93 302734 |
| | | +0.0025 | +0.0006 | 06/08/93 303309 |
| | | +0.0002 | +0.0021 | 08/03/93 304403 |
| | | +0.0040 | +0.0037 | 08/31/93 304934 |
| | | +0.0017 | +0.0008 | 09/28/93 305476 |
| | | +0.0006 | +0.0005 | 10/26/93 306000 |
| | K-40 | +0.0023 | +0.0008 | 12/21/93 307143 |
| | | +0.0071 | +0.0037 | 03/17/93 301567 |
| | | +0.0116 | +0.0067 | 04/13/93 302141 |
| | | +0.0000 | +0.0035 | 06/08/93 303309 |
| | | +0.0051 | +0.0039 | 07/06/93 303877 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR TERM | DATE COLLECTED | LAB NO | | |
|--------------------------------------|---------------------------|----------|---------------|-------------------|----------|----------|--------|
| 3102 LM2 N. WBSF GATE 0.5 MILES N | GAMMA SCAN (GELI) K-40 | +0.0003 | +0.0051 | 08/03/93 | 304403 | | |
| | | +0.0062 | +0.0061 | 08/31/93 | 304934 | | |
| | | +0.0007 | +0.0047 | 09/28/93 | 305476 | | |
| | | +0.0076 | +0.0058 | 10/26/93 | 306000 | | |
| | | +0.0112 | +0.0067 | 11/22/93 | 306646 | | |
| | | +0.0030 | +0.0058 | 12/21/93 | 307143 | | |
| | | PB-212 | +0.0000 | +0.0003 | 01/19/93 | 300482 | |
| | | | +0.0002 | +0.0004 | 04/13/93 | 302141 | |
| | | | +0.0000 | +0.0004 | 05/11/93 | 302734 | |
| | | | +0.0000 | +0.0006 | 06/08/93 | 303309 | |
| | | PB-214 | +0.0047 | +0.0007 | 01/19/93 | 300482 | |
| | | | +0.0036 | +0.0008 | 02/16/93 | 301024 | |
| | | | +0.0001 | +0.0006 | 03/17/93 | 301567 | |
| | | | +0.0014 | +0.0006 | 04/13/93 | 302141 | |
| | | | | +0.0048 | +0.0007 | 05/11/93 | 302734 |
| | | | | +0.0019 | +0.0007 | 06/08/93 | 303309 |
| | | | | +0.0009 | +0.0007 | 08/31/93 | 304934 |
| | | | | +0.0015 | +0.0008 | 09/28/93 | 305476 |
| | | | | +0.0007 | +0.0006 | 12/21/93 | 307143 |
| | | SR 89 | | +0.0000 | +0.0002 | 03/17/93 | 301568 |
| | +0.0000 | | +0.0002 | 06/08/93 | 303310 | | |
| | +0.0000 | | +0.0002 | 08/31/93 | 304935 | | |
| | +0.0000 | | +0.0002 | 12/21/93 | 307144 | | |
| SR 90 | | +0.0000 | +0.0001 | 03/17/93 | 301568 | | |
| | | +0.0000 | +0.0001 | 06/08/93 | 303310 | | |
| | | +0.0000 | +0.0001 | 08/31/93 | 304935 | | |
| | | +0.0000 | +0.0001 | 12/21/93 | 307144 | | |
| 3106 PM2 SPRING CITY 7.0 MILES NW | GROSS BETA | +0.0223 | +0.0024 | 12/28/92 | 300091 | | |
| | | +0.0139 | +0.0016 | 01/05/93 | 300197 | | |
| | | +0.0172 | +0.0019 | 01/12/93 | 300313 | | |
| | | +0.0335 | +0.0035 | 01/19/93 | 300440 | | |
| | | +0.0180 | +0.0020 | 01/26/93 | 300599 | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO |
|--------------------------------------|-----------------------|----------|------------|-----------|--------|
| | | | TERM | COLLECTED | |
| 3106 PM2 SPRING CITY 7.0 MILES NW | GROSS BETA | +0.0225 | +0.0024 | 02/02/93 | 300729 |
| | | +0.0243 | +0.0027 | 02/09/93 | 300854 |
| | | +0.0145 | +0.0017 | 02/16/93 | 300981 |
| | | +0.0207 | +0.0022 | 02/23/93 | 301160 |
| | | +0.0188 | +0.0021 | 03/02/93 | 301271 |
| | | +0.0161 | +0.0018 | 03/09/93 | 301397 |
| | | +0.0125 | +0.0014 | 03/17/93 | 301516 |
| | | +0.0184 | +0.0021 | 03/23/93 | 301711 |
| | | +0.0146 | +0.0017 | 03/30/93 | 301823 |
| | | +0.0119 | +0.0014 | 04/06/93 | 301962 |
| | | +0.0142 | +0.0016 | 04/13/93 | 302099 |
| | | +0.0166 | +0.0019 | 04/20/93 | 302236 |
| | | +0.0141 | +0.0016 | 04/27/93 | 302412 |
| | | +0.0164 | +0.0018 | 05/04/93 | 302544 |
| | | +0.0165 | +0.0018 | 05/11/93 | 302692 |
| | | +0.0136 | +0.0016 | 05/18/93 | 302842 |
| | | +0.0166 | +0.0019 | 05/25/93 | 302965 |
| | | +0.0154 | +0.0018 | 06/01/93 | 303114 |
| | | +0.0143 | +0.0016 | 06/08/93 | 303250 |
| | | +0.0157 | +0.0018 | 06/15/93 | 303452 |
| | | +0.0176 | +0.0020 | 06/22/93 | 303563 |
| | | +0.0147 | +0.0017 | 06/29/93 | 303720 |
| | | +0.0242 | +0.0026 | 07/06/93 | 303834 |
| | | +0.0177 | +0.0020 | 07/13/93 | 303976 |
| | | +0.0180 | +0.0020 | 07/20/93 | 304107 |
| | | +0.0233 | +0.0025 | 07/27/93 | 304237 |
| | | +0.0223 | +0.0024 | 08/03/93 | 304359 |
| | | +0.0218 | +0.0024 | 08/10/93 | 304511 |
| | | +0.0229 | +0.0025 | 08/17/93 | 304614 |
| | | +0.0298 | +0.0032 | 08/24/93 | 304745 |
| | | +0.0252 | +0.0027 | 08/31/93 | 304883 |
| | | +0.0216 | +0.0023 | 09/07/93 | 305068 |
| | | +0.0260 | +0.0028 | 09/14/93 | 305188 |
| +0.0228 | +0.0025 | 09/21/93 | 305313 | | |
| +0.0222 | +0.0024 | 09/28/93 | 305432 | | |
| +0.0228 | +0.0025 | 10/05/93 | 305590 | | |
| +0.0281 | +0.0030 | 10/12/93 | 305695 | | |
| +0.0288 | +0.0031 | 10/19/93 | 305836 | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | | |
|-----------------------------------|-----------------------|-------------------|------------|-----------|----------|----------|----------|
| | | | TERM | COLLECTED | LAB NO | | |
| 3106 PM2 SPRING CITY 7.0 MILES NW | GROSS BETA | +0.0223 | +0.0024 | 10/26/93 | 305956 | | |
| | | +0.0188 | +0.0021 | 11/02/93 | 306126 | | |
| | | +0.0202 | +0.0023 | 11/08/93 | 306332 | | |
| | | +0.0313 | +0.0033 | 11/16/93 | 306459 | | |
| | | +0.0165 | +0.0019 | 11/22/93 | 306601 | | |
| | | +0.0297 | +0.0032 | 11/30/93 | 306749 | | |
| | | +0.0287 | +0.0031 | 12/07/93 | 306854 | | |
| | | +0.0223 | +0.0024 | 12/14/93 | 306973 | | |
| | | +0.0150 | +0.0017 | 12/21/93 | 307092 | | |
| | | GAMMA SCAN (GELI) | AC-228 | +0.0013 | +0.0009 | 05/11/93 | 302735 |
| | | | | +0.0627 | +0.0042 | 01/19/93 | 300483 |
| | | | | BE-7 | +0.0794 | +0.0064 | 02/16/93 |
| | | | | +0.0958 | +0.0057 | 03/17/93 | 301569 |
| | | | | +0.0942 | +0.0059 | 04/13/93 | 302142 |
| | | | | +0.1166 | +0.0067 | 05/11/93 | 302735 |
| | | | +0.0925 | +0.0071 | 06/08/93 | 303311 | |
| | | | +0.0818 | +0.0058 | 07/06/93 | 303878 | |
| | | | +0.1032 | +0.0074 | 08/03/93 | 304404 | |
| | | | +0.0866 | +0.0058 | 08/31/93 | 304936 | |
| | | | +0.0982 | +0.0068 | 09/28/93 | 305477 | |
| | | | +0.1032 | +0.0061 | 10/26/93 | 306001 | |
| | | | +0.0754 | +0.0062 | 11/22/93 | 306647 | |
| | | | +0.0649 | +0.0054 | 12/21/93 | 307145 | |
| | BI-214 | | | +0.0041 | +0.0008 | 01/19/93 | 300483 |
| | | | | +0.0051 | +0.0011 | 02/16/93 | 301025 |
| | | | | +0.0016 | +0.0006 | 03/17/93 | 301569 |
| | | | | +0.0037 | +0.0008 | 04/13/93 | 302142 |
| | | | | +0.0017 | +0.0007 | 05/11/93 | 302735 |
| | | | | +0.0026 | +0.0010 | 06/08/93 | 303311 |
| | | | | +0.0009 | +0.0010 | 08/03/93 | 304404 |
| | | | +0.0014 | +0.0027 | 08/31/93 | 304936 | |
| | | | +0.0010 | +0.0008 | 10/26/93 | 306001 | |
| | | K-40 | | +0.0040 | +0.0043 | 02/16/93 | 301025 |
| | | | +0.0008 | +0.0060 | 04/13/93 | 302142 | |
| | | | +0.0066 | +0.0048 | 05/11/93 | 302735 | |
| | | | +0.0045 | +0.0045 | 07/06/93 | 303878 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR TERM | DATE COLLECTED | LAB NO | |
|---|---------------------------|----------|------------|----------------|----------|--------|
| 3106 PM2 SPRING CITY 7.0 MILES NW | GAMMA SCAN (GELI) K-40 | +0.0029 | +0.0061 | 08/03/93 | 304404 | |
| | | +0.0027 | +0.0037 | 08/31/93 | 304936 | |
| | | +0.0069 | +0.0041 | 09/28/93 | 305477 | |
| | | +0.0018 | +0.0061 | 10/26/93 | 306001 | |
| | | +0.0007 | +0.0055 | 11/22/93 | 306647 | |
| | PB-212 | +0.0002 | +0.0004 | 01/19/93 | 300483 | |
| | | +0.0001 | +0.0003 | 07/06/93 | 303878 | |
| | PB-214 | +0.0045 | +0.0007 | 01/19/93 | 300483 | |
| | | +0.0047 | +0.0008 | 02/16/93 | 301025 | |
| | | +0.0014 | +0.0005 | 03/17/93 | 301569 | |
| | | +0.0024 | +0.0009 | 04/13/93 | 302142 | |
| | | +0.0020 | +0.0007 | 05/11/93 | 302735 | |
| | | +0.0017 | +0.0008 | 06/08/93 | 303311 | |
| | | +0.0006 | +0.0007 | 08/03/93 | 304404 | |
| | | +0.0004 | +0.0005 | 12/21/93 | 307145 | |
| | TL-208 | +0.0001 | +0.0003 | 07/06/93 | 303878 | |
| | SR 89 | | | | | |
| | | | +0.0000 | +0.0002 | 03/17/93 | 301570 |
| | | | +0.0001 | +0.0002 | 06/08/93 | 303312 |
| | | | +0.0001 | +0.0002 | 08/31/93 | 304937 |
| | | +0.0001 | +0.0002 | 12/21/93 | 307146 | |
| SR 90 | | | | | | |
| | | +0.0000 | +0.0001 | 03/17/93 | 301570 | |
| | | +0.0000 | +0.0001 | 06/08/93 | 303312 | |
| | | +0.0000 | +0.0001 | 08/31/93 | 304937 | |
| | | +0.0000 | +0.0001 | 12/21/93 | 307146 | |
| 3107 PM3 CEDINE BIBLE CAMP 11.5 M. NNE | GROSS BETA | +0.0233 | +0.0025 | 12/28/92 | 300094 | |
| | | +0.0156 | +0.0017 | 01/05/93 | 300200 | |
| | | +0.0171 | +0.0019 | 01/12/93 | 300315 | |
| | | +0.0353 | +0.0037 | 01/19/93 | 300442 | |
| | | +0.0202 | +0.0022 | 01/26/93 | 300602 | |
| | | +0.0234 | +0.0025 | 02/02/93 | 300732 | |
| | | +0.0231 | +0.0026 | 02/09/93 | 300856 | |
| | | +0.0119 | +0.0014 | 02/16/93 | 300983 | |

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 TECHNICAL PROGRAMS
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 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR TERM | DATE COLLECTED | LAB NO |
|-----------------------------------|-----------------------|------------|---------------|-------------------|--------|
| 3107 PM3 CEDINE BIBLE | CAMP 11.5 M. NNE | GROSS BETA | | | |
| | | +0.0205 | +0.0022 | 02/23/93 | 301163 |
| | | +0.0188 | +0.0021 | 03/02/93 | 301274 |
| | | +0.0152 | +0.0017 | 03/09/93 | 301399 |
| | | +0.0113 | +0.0013 | 03/17/93 | 301518 |
| | | +0.0198 | +0.0022 | 03/23/93 | 301714 |
| | | +0.0138 | +0.0016 | 03/30/93 | 301826 |
| | | +0.0115 | +0.0014 | 04/06/93 | 301964 |
| | | +0.0133 | +0.0016 | 04/13/93 | 302101 |
| | | +0.0170 | +0.0019 | 04/20/93 | 302239 |
| | | +0.0129 | +0.0015 | 04/27/93 | 302415 |
| | | +0.0182 | +0.0020 | 05/04/93 | 302546 |
| | | +0.0160 | +0.0018 | 05/11/93 | 302694 |
| | | +0.0138 | +0.0016 | 05/18/93 | 302845 |
| | | +0.0155 | +0.0018 | 05/25/93 | 302968 |
| | | +0.0164 | +0.0018 | 06/01/93 | 303116 |
| | | +0.0179 | +0.0020 | 06/08/93 | 303253 |
| | | +0.0185 | +0.0021 | 06/15/93 | 303455 |
| | | +0.0193 | +0.0021 | 06/22/93 | 303566 |
| | | +0.0150 | +0.0017 | 06/29/93 | 303722 |
| | | +0.0259 | +0.0028 | 07/06/93 | 303836 |
| | | +0.0206 | +0.0023 | 07/13/93 | 303980 |
| | | +0.0167 | +0.0019 | 07/20/93 | 304110 |
| | | +0.0244 | +0.0027 | 07/27/93 | 304239 |
| | | +0.0211 | +0.0023 | 08/03/93 | 304361 |
| | | +0.0233 | +0.0026 | 08/10/93 | 304514 |
| | | +0.0263 | +0.0028 | 08/17/93 | 304617 |
| | | +0.0285 | +0.0030 | 08/24/93 | 304747 |
| | | +0.0297 | +0.0032 | 08/31/93 | 304885 |
| | | +0.0223 | +0.0024 | 09/07/93 | 305071 |
| | | +0.0275 | +0.0029 | 09/14/93 | 305191 |
| | | +0.0217 | +0.0024 | 09/21/93 | 305315 |
| | | +0.0233 | +0.0025 | 09/28/93 | 305434 |
| | | +0.0196 | +0.0022 | 10/05/93 | 305593 |
| | | +0.0270 | +0.0029 | 10/12/93 | 305698 |
| | | +0.0290 | +0.0031 | 10/19/93 | 305838 |
| | | +0.0240 | +0.0026 | 10/26/93 | 305958 |
| | | +0.0176 | +0.0020 | 11/02/93 | 306129 |
| | | +0.0189 | +0.0021 | 11/08/93 | 306335 |

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WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO | |
|---|-----------------------|----------|------------|-----------|----------|----------|
| | | | TERM | COLLECTED | | |
| 3107 PM3 CEDINE BIBLE CAMP 11.5 M. NNE | GROSS BETA | +0.0328 | +0.0034 | 11/16/93 | 306461 | |
| | | +0.0156 | +0.0018 | 11/22/93 | 306603 | |
| | | +0.0271 | +0.0029 | 11/30/93 | 306752 | |
| | | +0.0220 | +0.0024 | 12/07/93 | 306857 | |
| | | +0.0216 | +0.0024 | 12/14/93 | 306975 | |
| | | +0.0153 | +0.0017 | 12/21/93 | 307094 | |
| | GAMMA SCAN (GELI) | BE-7 | +0.0641 | +0.0049 | 01/19/93 | 300484 |
| | | | +0.0783 | +0.0056 | 02/16/93 | 301026 |
| | | | +0.0851 | +0.0062 | 03/17/93 | 301571 |
| | | | +0.0908 | +0.0065 | 04/13/93 | 302143 |
| | | | +0.1297 | +0.0076 | 05/11/93 | 302736 |
| | | | +0.1221 | +0.0078 | 06/08/93 | 303313 |
| | | | +0.1092 | +0.0062 | 07/06/93 | 303879 |
| | | | +0.1100 | +0.0078 | 08/03/93 | 304405 |
| | | | +0.1080 | +0.0094 | 08/31/93 | 304938 |
| | | | +0.1054 | +0.0082 | 09/28/93 | 305478 |
| | | | +0.1054 | +0.0072 | 10/26/93 | 306002 |
| | | | +0.0702 | +0.0054 | 11/22/93 | 306648 |
| | | | +0.0631 | +0.0049 | 12/21/93 | 307147 |
| | | | BI-214 | +0.0005 | +0.0006 | 01/19/93 |
| +0.0008 | +0.0007 | 02/16/93 | | 301026 | | |
| +0.0026 | +0.0009 | 03/17/93 | | 301571 | | |
| +0.0007 | +0.0007 | 05/11/93 | | 302736 | | |
| +0.0014 | +0.0009 | 06/08/93 | | 303313 | | |
| +0.0009 | +0.0026 | 11/22/93 | | 306648 | | |
| K-40 | +0.0008 | +0.0006 | 12/21/93 | 307147 | | |
| | +0.0039 | +0.0047 | 01/19/93 | 300484 | | |
| | +0.0097 | +0.0050 | 05/11/93 | 302736 | | |
| PB-212 | +0.0053 | +0.0045 | 08/03/93 | 304405 | | |
| | +0.0002 | +0.0003 | 02/16/93 | 301026 | | |
| PB-214 | +0.0001 | +0.0004 | 05/11/93 | 302736 | | |
| | +0.0001 | +0.0004 | 08/03/93 | 304405 | | |
| | +0.0001 | +0.0005 | 10/26/93 | 306002 | | |
| | +0.0017 | +0.0006 | 02/16/93 | 301026 | | |
| | +0.0024 | +0.0006 | 03/17/93 | 301571 | | |
| | | +0.0006 | +0.0005 | 05/11/93 | 302736 | |

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WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO | | |
|---|---------------------------------------|-------------------------------------|------------|-----------|---------|----------|--------|
| | | | TERM | COLLECTED | | | |
| 3107 PM3 CEDINE BIBLE CAMP 11.5 M. NNE | GAMMA SCAN (GELI) PB-214 TL-208 | +0.0011 | +0.0007 | 06/08/93 | 303313 | | |
| | | +0.0001 | +0.0003 | 08/03/93 | 304405 | | |
| | SR 89 | +0.0002 | +0.0002 | 03/17/93 | 301572 | | |
| | | -0.0001 | +0.0004 | 06/08/93 | 303314 | | |
| | | +0.0002 | +0.0002 | 08/31/93 | 304939 | | |
| | | +0.0000 | +0.0001 | 12/21/93 | 307148 | | |
| | | +0.0000 | +0.0001 | 03/17/93 | 301572 | | |
| | | +0.0001 | +0.0002 | 06/08/93 | 303314 | | |
| | SR 90 | +0.0000 | +0.0001 | 08/31/93 | 304939 | | |
| | | +0.0000 | +0.0001 | 12/21/93 | 307148 | | |
| | | 3108 PM-4 TEN MILE 7.8 M. NE/ENE | GROSS BETA | +0.0218 | +0.0024 | 12/28/92 | 300098 |
| | | | | +0.0150 | +0.0017 | 01/05/93 | 300203 |
| | | | | +0.0160 | +0.0018 | 01/12/93 | 300317 |
| | | | | +0.0336 | +0.0035 | 01/19/93 | 300444 |
| +0.0167 | +0.0019 | | | 01/26/93 | 300605 | | |
| +0.0224 | +0.0024 | | | 02/03/93 | 300735 | | |
| +0.0209 | +0.0023 | | | 02/10/93 | 300858 | | |
| +0.0145 | +0.0017 | | | 02/17/93 | 300985 | | |
| +0.0194 | +0.0021 | | | 02/23/93 | 301166 | | |
| +0.0170 | +0.0019 | | | 03/02/93 | 301277 | | |
| +0.0162 | +0.0018 | | | 03/10/93 | 301401 | | |
| +0.0110 | +0.0013 | | | 03/17/93 | 301520 | | |
| +0.0161 | +0.0018 | | | 03/23/93 | 301717 | | |
| +0.0113 | +0.0013 | | | 03/31/93 | 301829 | | |
| +0.0092 | +0.0011 | 04/07/93 | 301966 | | | | |
| +0.0112 | +0.0013 | 04/13/93 | 302103 | | | | |
| +0.0161 | +0.0018 | 04/20/93 | 302242 | | | | |
| +0.0138 | +0.0016 | 04/27/93 | 302418 | | | | |
| +0.0154 | +0.0017 | 05/05/93 | 302548 | | | | |
| +0.0179 | +0.0020 | 05/12/93 | 302696 | | | | |
| +0.0137 | +0.0017 | 05/18/93 | 302849 | | | | |
| +0.0156 | +0.0018 | 05/25/93 | 302971 | | | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | | |
|-------------------------------------|-----------------------|----------|-------------------|------------------|---------|----------|--------|
| | | | TERM | COLLECTED LAB NO | | | |
| 3108 PM-4 TEN MILE 7.8 M. NE/ENE | GROSS BETA | +0.0154 | +0.0017 | 06/02/93 | 303118 | | |
| | | +0.0180 | +0.0020 | 06/09/93 | 303257 | | |
| | | +0.0164 | +0.0019 | 06/15/93 | 303458 | | |
| | | +0.0190 | +0.0021 | 06/22/93 | 303569 | | |
| | | +0.0131 | +0.0015 | 06/30/93 | 303724 | | |
| | | +0.0283 | +0.0030 | 07/07/93 | 303838 | | |
| | | +0.0202 | +0.0023 | 07/13/93 | 303983 | | |
| | | +0.0185 | +0.0021 | 07/20/93 | 304113 | | |
| | | +0.0261 | +0.0028 | 07/28/93 | 304241 | | |
| | | +0.0238 | +0.0026 | 08/04/93 | 304363 | | |
| | | +0.0205 | +0.0023 | 08/10/93 | 304518 | | |
| | | +0.0252 | +0.0027 | 08/18/93 | 304620 | | |
| | | +0.0288 | +0.0031 | 08/25/93 | 304749 | | |
| | | +0.0315 | +0.0034 | 08/31/93 | 304887 | | |
| | | +0.0229 | +0.0025 | 09/07/93 | 305075 | | |
| | | +0.0299 | +0.0032 | 09/14/93 | 305194 | | |
| | | +0.0240 | +0.0026 | 09/21/93 | 305317 | | |
| | | +0.0242 | +0.0026 | 09/28/93 | 305436 | | |
| | | +0.0238 | +0.0026 | 10/05/93 | 305596 | | |
| | | +0.0289 | +0.0031 | 10/13/93 | 305701 | | |
| | | +0.0305 | +0.0033 | 10/19/93 | 305840 | | |
| | | +0.0248 | +0.0027 | 10/26/93 | 305960 | | |
| | | +0.0199 | +0.0022 | 11/03/93 | 306132 | | |
| | | +0.0254 | +0.0028 | 11/09/93 | 306338 | | |
| | | +0.0387 | +0.0041 | 11/16/93 | 306463 | | |
| | | +0.0171 | +0.0020 | 11/22/93 | 306605 | | |
| | | +0.0284 | +0.0030 | 12/01/93 | 306755 | | |
| | | +0.0250 | +0.0027 | 12/08/93 | 306860 | | |
| | | +0.0250 | +0.0027 | 12/14/93 | 306977 | | |
| | | +0.0156 | +0.0018 | 12/21/93 | 307096 | | |
| | | | GAMMA SCAN (GELI) | | | | |
| | | | BE-7 | +0.0597 | +0.0040 | 01/19/93 | 300485 |
| | | | | +0.0805 | +0.0048 | 02/17/93 | 301027 |
| | | +0.0909 | +0.0065 | 03/17/93 | 301573 | | |
| | | +0.0790 | +0.0051 | 04/13/93 | 302144 | | |
| | | +0.1069 | +0.0076 | 05/12/93 | 302737 | | |
| | | +0.0976 | +0.0064 | 06/09/93 | 303315 | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO | | |
|-------------------------------------|---------------------------|----------|------------|-----------|----------|----------|--------|
| | | | TERM | COLLECTED | | | |
| 3108 PM-4 TEN MILE 7.8 M. NE/ENE | GAMMA SCAN (GELI) BE-7 | +0.0967 | +0.0068 | 07/07/93 | 303880 | | |
| | | +0.1107 | +0.0075 | 08/04/93 | 304406 | | |
| | | +0.1072 | +0.0070 | 08/31/93 | 304940 | | |
| | | | +0.1117 | +0.0079 | 09/28/93 | 305479 | |
| | | | +0.1083 | +0.0076 | 10/26/93 | 306003 | |
| | | | +0.0722 | +0.0066 | 11/22/93 | 306649 | |
| | | | +0.0717 | +0.0054 | 12/21/93 | 307149 | |
| | | BI-214 | +0.0109 | +0.0013 | 01/19/93 | 300485 | |
| | | | +0.0013 | +0.0007 | 02/17/93 | 301027 | |
| | | | +0.0013 | +0.0028 | 03/17/93 | 301573 | |
| | | | +0.0013 | +0.0007 | 04/13/93 | 302144 | |
| | | | +0.0014 | +0.0007 | 05/12/93 | 302737 | |
| | | | +0.0043 | +0.0008 | 06/09/93 | 303315 | |
| | | | +0.0009 | +0.0008 | 12/21/93 | 307149 | |
| | | K-40 | +0.0088 | +0.0064 | 02/17/93 | 301027 | |
| | | | +0.0080 | +0.0036 | 03/17/93 | 301573 | |
| | | PB-212 | +0.0003 | +0.0004 | 05/12/93 | 302737 | |
| | | | +0.0000 | +0.0003 | 06/09/93 | 303315 | |
| | | | +0.0004 | +0.0004 | 07/07/93 | 303880 | |
| | | PB-214 | +0.0104 | +0.0010 | 01/19/93 | 300485 | |
| | | | +0.0012 | +0.0004 | 02/17/93 | 301027 | |
| | | | +0.0005 | +0.0005 | 03/17/93 | 301573 | |
| | | | +0.0014 | +0.0005 | 04/13/93 | 302144 | |
| | | | +0.0019 | +0.0006 | 05/12/93 | 302737 | |
| | | | +0.0044 | +0.0008 | 06/09/93 | 303315 | |
| | | | +0.0001 | +0.0004 | 07/07/93 | 303880 | |
| | | | +0.0008 | +0.0006 | 12/21/93 | 307149 | |
| | | | TL-208 | +0.0001 | +0.0002 | 01/19/93 | 300485 |
| | | | | +0.0003 | +0.0003 | 02/17/93 | 301027 |
| | | SR 89 | | +0.0000 | +0.0002 | 03/17/93 | 301574 |
| | | | | +0.0001 | +0.0002 | 06/09/93 | 303316 |
| | | | | +0.0001 | +0.0002 | 08/31/93 | 304941 |
| | | | | -0.0001 | +0.0002 | 12/21/93 | 307150 |
| | SR 90 | | | | | | |
| | | | +0.0000 | +0.0001 | 03/17/93 | 301574 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | |
|-------------------------------------|-----------------------|----------|----------------|----------|--------|
| | | | TERM COLLECTED | LAB NO | |
| 3108 PM-4 TEN MILE 7.8 M. NE/ENE | SR 90 | +0.0000 | +0.0001 | 06/09/93 | 303316 |
| | | +0.0000 | +0.0001 | 08/31/93 | 304941 |
| | | +0.0001 | +0.0001 | 12/21/93 | 307150 |
| 3109 PM5 DECATUR 6.25 MILES S | GROSS BETA | +0.0217 | +0.0024 | 12/28/92 | 300101 |
| | | +0.0160 | +0.0018 | 01/06/93 | 300206 |
| | | +0.0180 | +0.0020 | 01/13/93 | 300319 |
| | | +0.0366 | +0.0038 | 01/20/93 | 300446 |
| | | +0.0185 | +0.0021 | 01/26/93 | 300609 |
| | | +0.0254 | +0.0027 | 02/03/93 | 300738 |
| | | +0.0242 | +0.0027 | 02/10/93 | 300860 |
| | | +0.0158 | +0.0018 | 02/17/93 | 300987 |
| | | +0.0233 | +0.0026 | 02/23/93 | 301169 |
| | | +0.0192 | +0.0021 | 03/03/93 | 301280 |
| | | +0.0121 | +0.0015 | 03/31/93 | 301832 |
| | | +0.0111 | +0.0013 | 04/07/93 | 301968 |
| | | +0.0161 | +0.0018 | 04/14/93 | 302105 |
| | | +0.0181 | +0.0020 | 04/20/93 | 302245 |
| | | +0.0140 | +0.0016 | 04/27/93 | 302421 |
| | | +0.0187 | +0.0020 | 05/05/93 | 302550 |
| | | +0.0187 | +0.0021 | 05/12/93 | 302698 |
| | | +0.0129 | +0.0015 | 05/18/93 | 302852 |
| | | +0.0151 | +0.0017 | 05/26/93 | 302974 |
| | | +0.0137 | +0.0016 | 06/02/93 | 303120 |
| | | +0.0171 | +0.0019 | 06/09/93 | 303260 |
| | | +0.0140 | +0.0016 | 06/15/93 | 303461 |
| | | +0.0182 | +0.0020 | 06/23/93 | 303572 |
| | | +0.0130 | +0.0015 | 06/30/93 | 303726 |
| | | +0.0233 | +0.0026 | 07/06/93 | 303840 |
| | | +0.0176 | +0.0020 | 07/13/93 | 303986 |
| | | +0.0160 | +0.0018 | 07/20/93 | 304116 |
| +0.0254 | +0.0027 | 07/28/93 | 304243 | | |
| +0.0224 | +0.0024 | 08/04/93 | 304365 | | |
| +0.0179 | +0.0020 | 08/10/93 | 304521 | | |
| +0.0228 | +0.0025 | 08/18/93 | 304623 | | |
| +0.0252 | +0.0027 | 08/25/93 | 304751 | | |
| +0.0297 | +0.0032 | 09/01/93 | 304889 | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO | |
|-----------------------------------|-----------------------|----------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | | |
| 3109 PMS DECATUR 6.25 MILES S | GROSS BETA | +0.0216 | +0.0024 | 09/07/93 | 305078 | |
| | | +0.0272 | +0.0029 | 09/14/93 | 305197 | |
| | | +0.0222 | +0.0024 | 09/21/93 | 305319 | |
| | | +0.0259 | +0.0028 | 09/29/93 | 305438 | |
| | | +0.0208 | +0.0023 | 10/05/93 | 305599 | |
| | | +0.0260 | +0.0028 | 10/13/93 | 305704 | |
| | | +0.0276 | +0.0030 | 10/19/93 | 305842 | |
| | | +0.0242 | +0.0026 | 10/26/93 | 305962 | |
| | | +0.0190 | +0.0021 | 11/03/93 | 306135 | |
| | | +0.0203 | +0.0023 | 11/09/93 | 306341 | |
| | | +0.0312 | +0.0033 | 11/16/93 | 306465 | |
| | | +0.0131 | +0.0016 | 11/22/93 | 306607 | |
| | | +0.0294 | +0.0031 | 12/01/93 | 306758 | |
| | | +0.0247 | +0.0027 | 12/08/93 | 306863 | |
| | | +0.0215 | +0.0023 | 12/15/93 | 306979 | |
| | +0.0180 | +0.0020 | 12/22/93 | 307098 | | |
| | GAMMA SCAN (GELI) | BE-7 | +0.0640 | +0.0051 | 01/20/93 | 300486 |
| | | | +0.0865 | +0.0067 | 02/17/93 | 301028 |
| | | | +0.1818 | +0.0144 | 03/17/93 | 301575 |
| | | | +0.1177 | +0.0089 | 04/14/93 | 302145 |
| | | | +0.1195 | +0.0069 | 05/12/93 | 302738 |
| | | | +0.0922 | +0.0066 | 06/09/93 | 303317 |
| | | | +0.0754 | +0.0075 | 07/06/93 | 303881 |
| | | | +0.0971 | +0.0076 | 08/04/93 | 304407 |
| | | | +0.0948 | +0.0077 | 09/01/93 | 304942 |
| | | | +0.0959 | +0.0067 | 09/29/93 | 305480 |
| | | | +0.0896 | +0.0069 | 10/26/93 | 306004 |
| +0.0712 | | | +0.0066 | 11/22/93 | 306650 | |
| BI-214 | +0.0633 | +0.0045 | 12/22/93 | 307151 | | |
| | +0.0065 | +0.0009 | 01/20/93 | 300486 | | |
| | +0.0012 | +0.0009 | 02/17/93 | 301028 | | |
| | +0.0011 | +0.0015 | 03/17/93 | 301575 | | |
| | +0.0020 | +0.0008 | 04/14/93 | 302145 | | |
| | +0.0020 | +0.0007 | 05/12/93 | 302738 | | |
| | +0.0066 | +0.0016 | 06/09/93 | 303317 | | |
| +0.0007 | +0.0007 | 07/06/93 | 303881 | | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | |
|-----------------------------------|-----------------------|----------|-------------------------|-------------------------|
| | | | TERM | COLLECTED LAB NO |
| 3109 PM5 DECATUR 6.25 MILES S | GAMMA SCAN (GELI) | | | |
| | | BI-214 | +0.0001 | +0.0005 11/22/93 306650 |
| | | | +0.0012 | +0.0024 12/22/93 307151 |
| | K-40 | +0.0048 | +0.0041 01/20/93 300486 | |
| | | +0.0081 | +0.0078 02/17/93 301028 | |
| | | +0.0065 | +0.0055 12/22/93 307151 | |
| | PB-212 | +0.0002 | +0.0002 06/09/93 303317 | |
| | | +0.0003 | +0.0004 12/22/93 307151 | |
| | PB-214 | +0.0075 | +0.0009 01/20/93 300486 | |
| | | +0.0009 | +0.0011 02/17/93 301028 | |
| | | +0.0008 | +0.0011 03/17/93 301575 | |
| | | +0.0023 | +0.0008 04/14/93 302145 | |
| | | +0.0016 | +0.0006 05/12/93 302738 | |
| | | +0.0061 | +0.0007 06/09/93 303317 | |
| | | +0.0017 | +0.0006 07/06/93 303881 | |
| | | +0.0004 | +0.0005 11/22/93 306650 | |
| | TL-208 | +0.0002 | +0.0003 01/20/93 300486 | |
| | | +0.0001 | +0.0002 10/26/93 306004 | |
| | SR 89 | | +0.0001 | +0.0002 03/17/93 301576 |
| | | | +0.0002 | +0.0002 06/09/93 303318 |
| | | +0.0000 | +0.0003 09/01/93 304943 | |
| | | +0.0001 | +0.0002 12/22/93 307152 | |
| SR 90 | | +0.0000 | +0.0001 03/17/93 301576 | |
| | | +0.0000 | +0.0001 06/09/93 303318 | |
| | | +0.0000 | +0.0001 09/01/93 304943 | |
| | | +0.0000 | +0.0001 12/22/93 307152 | |
| 3203 LM-3 WB 2.1 MILES NNE | GROSS BETA | +0.0211 | +0.0023 12/28/92 300104 | |
| | | +0.0137 | +0.0015 01/05/93 300219 | |
| | | +0.0184 | +0.0020 01/12/93 300321 | |
| | | +0.0359 | +0.0038 01/19/93 300452 | |
| | | +0.0168 | +0.0019 01/26/93 300612 | |
| | | +0.0219 | +0.0024 02/02/93 300752 | |
| | | +0.0186 | +0.0021 02/10/93 300862 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PC1/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR TERM | DATE COLLECTED | LAB NO |
|-----------------------------------|-----------------------|------------|------------|----------------|--------|
| 3203 LM-3 WB | 2.1 MILES NNE | GROSS BETA | | | |
| | | +0.0130 | +0.0015 | 02/16/93 | 300994 |
| | | +0.0202 | +0.0022 | 02/23/93 | 301172 |
| | | +0.0185 | +0.0020 | 03/02/93 | 301295 |
| | | +0.0169 | +0.0019 | 03/10/93 | 301405 |
| | | +0.0119 | +0.0014 | 03/17/93 | 301529 |
| | | +0.0177 | +0.0020 | 03/23/93 | 301723 |
| | | +0.0129 | +0.0015 | 03/30/93 | 301845 |
| | | +0.0122 | +0.0014 | 04/06/93 | 301970 |
| | | +0.0131 | +0.0015 | 04/13/93 | 302111 |
| | | +0.0145 | +0.0017 | 04/20/93 | 302248 |
| | | +0.0124 | +0.0014 | 04/27/93 | 302448 |
| | | +0.0184 | +0.0020 | 05/05/93 | 302552 |
| | | +0.0185 | +0.0020 | 05/11/93 | 302704 |
| | | +0.0142 | +0.0016 | 05/18/93 | 302856 |
| | | +0.0145 | +0.0017 | 05/25/93 | 302990 |
| | | +0.0160 | +0.0018 | 06/02/93 | 303122 |
| | | +0.0163 | +0.0019 | 06/08/93 | 303267 |
| | | +0.0180 | +0.0020 | 06/15/93 | 303465 |
| | | +0.0180 | +0.0020 | 06/22/93 | 303586 |
| | | +0.0145 | +0.0017 | 06/29/93 | 303728 |
| | | +0.0260 | +0.0028 | 07/06/93 | 303847 |
| | | +0.0208 | +0.0023 | 07/13/93 | 303989 |
| | | +0.0178 | +0.0020 | 07/20/93 | 304130 |
| | | +0.0240 | +0.0026 | 07/27/93 | 304245 |
| | | +0.0210 | +0.0023 | 08/03/93 | 304373 |
| | | +0.0194 | +0.0021 | 08/10/93 | 304524 |
| | | +0.0282 | +0.0030 | 08/17/93 | 304641 |
| | | +0.0282 | +0.0030 | 08/25/93 | 304753 |
| | | +0.0273 | +0.0030 | 08/31/93 | 304896 |
| | | +0.0215 | +0.0023 | 09/07/93 | 305081 |
| | | +0.0246 | +0.0026 | 09/14/93 | 305212 |
| | | +0.0224 | +0.0024 | 09/21/93 | 305321 |
| | | +0.0227 | +0.0025 | 09/28/93 | 305446 |
| | | +0.0206 | +0.0023 | 10/05/93 | 305602 |
| | | +0.0287 | +0.0031 | 10/12/93 | 305718 |
| | | +0.0273 | +0.0029 | 10/19/93 | 305844 |
| | | +0.0227 | +0.0025 | 10/26/93 | 305970 |
| | | +0.0184 | +0.0020 | 11/03/93 | 306152 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 Bq/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|-----------------------------------|-----------------------|-------------------|------------|------------------|----------|--------|
| | | | TERM | COLLECTED LAB NO | | |
| 3203 LM-3 WB 2.1 MILES NNE | GROSS BETA | +0.0183 | +0.0021 | 11/08/93 | 306358 | |
| | | +0.0303 | +0.0032 | 11/16/93 | 306467 | |
| | | +0.0129 | +0.0016 | 11/22/93 | 306616 | |
| | | +0.0285 | +0.0030 | 12/01/93 | 306762 | |
| | | +0.0247 | +0.0027 | 12/08/93 | 306877 | |
| | | +0.0237 | +0.0026 | 12/15/93 | 306981 | |
| | | +0.0168 | +0.0019 | 12/21/93 | 307105 | |
| | | GAMMA SCAN (GELI) | | | | |
| | | AC-228 | +0.0025 | +0.0013 | 02/16/93 | 301029 |
| | | | +0.0006 | +0.0009 | 08/03/93 | 304408 |
| | | BE-7 | +0.0547 | +0.0052 | 01/19/93 | 300487 |
| | | | +0.0796 | +0.0063 | 02/16/93 | 301029 |
| | | | +0.0885 | +0.0063 | 03/17/93 | 301577 |
| | | | +0.0915 | +0.0065 | 04/13/93 | 302146 |
| | | | +0.1259 | +0.0077 | 05/11/93 | 302739 |
| | | | +0.0995 | +0.0073 | 06/08/93 | 303319 |
| | | | +0.0869 | +0.0065 | 07/06/93 | 303882 |
| | | | +0.1094 | +0.0086 | 08/03/93 | 304408 |
| | | | +0.0858 | +0.0062 | 08/31/93 | 304944 |
| | | | +0.1011 | +0.0075 | 09/28/93 | 305481 |
| | | | +0.0886 | +0.0068 | 10/26/93 | 306005 |
| | | | +0.0693 | +0.0065 | 11/22/93 | 306651 |
| | | | +0.0703 | +0.0044 | 12/21/93 | 307153 |
| | | BI-214 | +0.0052 | +0.0008 | 01/19/93 | 300487 |
| | | | +0.0009 | +0.0012 | 02/16/93 | 301029 |
| | | | +0.0001 | +0.0006 | 03/17/93 | 301577 |
| | | | +0.0038 | +0.0007 | 04/13/93 | 302146 |
| | | | +0.0027 | +0.0008 | 05/11/93 | 302739 |
| | | | +0.0007 | +0.0006 | 06/08/93 | 303319 |
| | | | +0.0010 | +0.0006 | 08/31/93 | 304944 |
| | | | +0.0013 | +0.0005 | 09/28/93 | 305481 |
| | | | +0.0011 | +0.0007 | 10/26/93 | 306005 |
| | | | +0.0027 | +0.0007 | 11/22/93 | 306651 |
| | | +0.0001 | +0.0007 | 12/21/93 | 307153 | |
| | K-40 | +0.0030 | +0.0033 | 01/19/93 | 300487 | |
| | | +0.0115 | +0.0049 | 06/08/93 | 303319 | |
| | | +0.0023 | +0.0060 | 12/21/93 | 307153 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|-----------------------------------|------------------------------|------------|------------|------------------|----------|--------|
| | | | TERM | COLLECTED LAB NO | | |
| 3203 LM-3 WB 2.1 MILES NNE | GAMMA SCAN (GELI) PB-214 | +0.0059 | +0.0008 | 01/19/93 | 300487 | |
| | | +0.0037 | +0.0007 | 04/13/93 | 302146 | |
| | | +0.0012 | +0.0007 | 05/11/93 | 302739 | |
| | | +0.0012 | +0.0006 | 06/08/93 | 303319 | |
| | | +0.0004 | +0.0007 | 07/06/93 | 303882 | |
| | | +0.0005 | +0.0006 | 08/03/93 | 304408 | |
| | | +0.0010 | +0.0006 | 08/31/93 | 304944 | |
| | | +0.0023 | +0.0005 | 09/28/93 | 305481 | |
| | | +0.0007 | +0.0005 | 10/26/93 | 306005 | |
| | | +0.0019 | +0.0006 | 11/22/93 | 306651 | |
| | TL-208 | +0.0002 | +0.0006 | 12/21/93 | 307153 | |
| | | +0.0001 | +0.0003 | 12/21/93 | 307153 | |
| | SR 89 | | +0.0002 | +0.0002 | 03/17/93 | 301578 |
| | | | +0.0001 | +0.0002 | 08/31/93 | 304945 |
| | | | -0.0001 | +0.0002 | 12/21/93 | 307154 |
| | SR 90 | | +0.0000 | +0.0001 | 03/17/93 | 301578 |
| | | | +0.0000 | +0.0001 | 08/31/93 | 304945 |
| | | | +0.0000 | +0.0001 | 12/21/93 | 307154 |
| | 3204 LM-4 WB 0.9 MILES SE | GROSS BETA | +0.0211 | +0.0023 | 12/28/92 | 300107 |
| | | | +0.0162 | +0.0018 | 01/05/93 | 300222 |
| +0.0202 | | | +0.0022 | 01/12/93 | 300323 | |
| +0.0353 | | | +0.0037 | 01/19/93 | 300454 | |
| +0.0174 | | | +0.0019 | 01/26/93 | 300615 | |
| +0.0235 | | | +0.0025 | 02/02/93 | 300755 | |
| +0.0202 | | | +0.0023 | 02/10/93 | 300864 | |
| +0.0132 | | | +0.0016 | 02/16/93 | 300996 | |
| +0.0232 | | | +0.0025 | 02/23/93 | 301175 | |
| +0.0197 | | | +0.0022 | 03/02/93 | 301298 | |
| +0.0153 | | | +0.0017 | 03/10/93 | 301407 | |
| +0.0120 | | | +0.0015 | 03/17/93 | 301531 | |
| +0.0191 | | | +0.0021 | 03/23/93 | 301727 | |
| +0.0159 | | | +0.0018 | 03/30/93 | 301848 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | | |
|-----------------------------------|-------------------------------------|----------|------------|------------------|----------|----------|--------|
| | | | TERM | COLLECTED LAB NO | | | |
| 3204 LM-4 WB 0.9 MILES SE | GAMMA SCAN (GELI) AC-228 BE-7 | +0.0080 | +0.0037 | 08/31/93 | 304946 | | |
| | | +0.0683 | +0.0050 | 01/19/93 | 300488 | | |
| | | +0.0835 | +0.0060 | 02/16/93 | 301030 | | |
| | | +0.0992 | +0.0074 | 03/17/93 | 301579 | | |
| | | +0.0955 | +0.0078 | 04/13/93 | 302147 | | |
| | | +0.1195 | +0.0084 | 05/11/93 | 302740 | | |
| | | +0.0989 | +0.0058 | 06/08/93 | 303321 | | |
| | | +0.0966 | +0.0069 | 07/06/93 | 303883 | | |
| | | +0.1107 | +0.0074 | 08/03/93 | 304409 | | |
| | | +0.0936 | +0.0064 | 08/31/93 | 304946 | | |
| | +0.1097 | +0.0068 | 09/28/93 | 305482 | | | |
| | +0.1018 | +0.0071 | 10/26/93 | 306006 | | | |
| | +0.0739 | +0.0065 | 11/22/93 | 306652 | | | |
| | +0.0639 | +0.0045 | 12/21/93 | 307155 | | | |
| | BI-214 | +0.0038 | +0.0007 | 01/19/93 | 300488 | | |
| | | +0.0019 | +0.0007 | 02/16/93 | 301030 | | |
| | | +0.0006 | +0.0006 | 03/17/93 | 301579 | | |
| | | +0.0013 | +0.0006 | 04/13/93 | 302147 | | |
| | | +0.0010 | +0.0006 | 05/11/93 | 302740 | | |
| | | +0.0042 | +0.0007 | 06/08/93 | 303321 | | |
| | | +0.0006 | +0.0007 | 10/26/93 | 306006 | | |
| | | +0.0007 | +0.0026 | 11/22/93 | 306652 | | |
| | | +0.0056 | +0.0048 | 05/11/93 | 302740 | | |
| | | +0.0039 | +0.0051 | 07/06/93 | 303883 | | |
| | K-40 | +0.0078 | +0.0054 | 08/03/93 | 304409 | | |
| | | +0.0031 | +0.0044 | 08/31/93 | 304946 | | |
| | | +0.0076 | +0.0050 | 10/26/93 | 306006 | | |
| | | +0.0080 | +0.0045 | 11/22/93 | 306652 | | |
| | | +0.0044 | +0.0041 | 12/21/93 | 307155 | | |
| | | PB-214 | +0.0035 | +0.0008 | 01/19/93 | 300488 | |
| | | | +0.0009 | +0.0010 | 02/16/93 | 301030 | |
| | | | +0.0003 | +0.0007 | 03/17/93 | 301579 | |
| | | | +0.0026 | +0.0006 | 04/13/93 | 302147 | |
| | | | +0.0010 | +0.0007 | 05/11/93 | 302740 | |
| | +0.0039 | | +0.0009 | 06/08/93 | 303321 | | |
| | +0.0025 | | +0.0005 | 10/26/93 | 306006 | | |
| | SR 89 | | | +0.0000 | +0.0002 | 03/17/93 | 301580 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROJECTS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|-----------------------------------|------------------------------|------------|------------|------------------|----------|--------|
| | | | TERM | COLLECTED LAB NO | | |
| 3204 LM-4 WB 0.9 MILES SE | SR 89 | +0.0001 | +0.0002 | 06/08/93 | 303322 | |
| | | +0.0000 | +0.0002 | 08/31/93 | 304947 | |
| | | +0.0000 | +0.0002 | 12/21/93 | 307156 | |
| | | SR 90 | +0.0000 | +0.0001 | 03/17/93 | 301580 |
| | | | +0.0000 | +0.0001 | 06/08/93 | 303322 |
| | | | +0.0000 | +0.0001 | 08/31/93 | 304947 |
| | 3205 RM-3 WB 15 MILES NNW | GROSS BETA | +0.0001 | +0.0001 | 12/21/93 | 307156 |
| | | | +0.0196 | +0.0021 | 12/28/92 | 300110 |
| | | | +0.0115 | +0.0013 | 01/05/93 | 300225 |
| | | | +0.0162 | +0.0018 | 01/12/93 | 300325 |
| | | | +0.0332 | +0.0035 | 01/19/93 | 300456 |
| | | | +0.0170 | +0.0019 | 01/26/93 | 300618 |
| +0.0201 | +0.0022 | 02/02/93 | 300758 | | | |
| +0.0200 | +0.0022 | 02/09/93 | 300866 | | | |
| +0.0116 | +0.0014 | 02/16/93 | 300998 | | | |
| +0.0222 | +0.0024 | 02/23/93 | 301178 | | | |
| +0.0204 | +0.0022 | 03/02/93 | 301301 | | | |
| +0.0147 | +0.0017 | 03/09/93 | 301409 | | | |
| +0.0108 | +0.0013 | 03/17/93 | 301533 | | | |
| +0.0169 | +0.0019 | 03/23/93 | 301730 | | | |
| +0.0152 | +0.0017 | 03/30/93 | 301851 | | | |
| +0.0113 | +0.0013 | 04/06/93 | 301974 | | | |
| +0.0126 | +0.0015 | 04/13/93 | 302115 | | | |
| +0.0154 | +0.0017 | 04/20/93 | 302254 | | | |
| +0.0127 | +0.0015 | 04/27/93 | 302454 | | | |
| +0.0161 | +0.0018 | 05/04/93 | 302556 | | | |
| +0.0145 | +0.0017 | 05/11/93 | 302708 | | | |
| +0.0139 | +0.0016 | 05/18/93 | 302862 | | | |
| +0.0155 | +0.0018 | 05/25/93 | 302996 | | | |
| +0.0149 | +0.0017 | 06/01/93 | 303126 | | | |
| +0.0142 | +0.0016 | 06/08/93 | 303274 | | | |
| +0.0145 | +0.0017 | 06/15/93 | 303471 | | | |
| +0.0148 | +0.0017 | 06/22/93 | 303592 | | | |
| +0.0131 | +0.0015 | 06/29/93 | 303732 | | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR TERM | DATE COLLECTED | LAB NO | | |
|-----------------------------------|-----------------------|----------|-------------------|-------------------|---------|----------|--------|
| 3205 RM-3 WB 15 MILES NNW | GROSS BETA | +0.0219 | +0.0024 | 07/06/93 | 303851 | | |
| | | +0.0185 | +0.0021 | 07/13/93 | 303995 | | |
| | | +0.0158 | +0.0018 | 07/20/93 | 304136 | | |
| | | +0.0232 | +0.0025 | 07/27/93 | 304249 | | |
| | | +0.0206 | +0.0023 | 08/03/93 | 304377 | | |
| | | +0.0221 | +0.0024 | 08/10/93 | 304531 | | |
| | | +0.0231 | +0.0025 | 08/17/93 | 304647 | | |
| | | +0.0266 | +0.0029 | 08/24/93 | 304757 | | |
| | | +0.0291 | +0.0031 | 08/31/93 | 304900 | | |
| | | +0.0191 | +0.0021 | 09/07/93 | 305087 | | |
| | | +0.0247 | +0.0027 | 09/14/93 | 305218 | | |
| | | +0.0228 | +0.0025 | 09/21/93 | 305325 | | |
| | | +0.0216 | +0.0024 | 09/28/93 | 305450 | | |
| | | +0.0184 | +0.0021 | 10/05/93 | 305609 | | |
| | | +0.0259 | +0.0028 | 10/12/93 | 305724 | | |
| | | +0.0270 | +0.0029 | 10/19/93 | 305848 | | |
| | | +0.0212 | +0.0023 | 10/26/93 | 305974 | | |
| | | +0.0158 | +0.0018 | 11/02/93 | 306158 | | |
| | | +0.0172 | +0.0020 | 11/08/93 | 306364 | | |
| | | +0.0267 | +0.0028 | 11/16/93 | 306471 | | |
| | | +0.0122 | +0.0015 | 11/22/93 | 306620 | | |
| | | +0.0274 | +0.0029 | 11/30/93 | 306768 | | |
| | | +0.0230 | +0.0025 | 12/07/93 | 306883 | | |
| | | +0.0215 | +0.0024 | 12/14/93 | 306985 | | |
| | | +0.0140 | +0.0016 | 12/21/93 | 307109 | | |
| | | | GAMMA SCAN (GELI) | | | | |
| | | | AC-228 | +0.0019 | +0.0011 | 06/08/93 | 303323 |
| | | | | +0.0013 | +0.0010 | 08/03/93 | 304410 |
| | | | BE-7 | +0.0613 | +0.0045 | 01/19/93 | 300489 |
| | | +0.0909 | +0.0058 | 02/16/93 | 301031 | | |
| | | +0.0839 | +0.0081 | 03/17/93 | 301581 | | |
| | | +0.0965 | +0.0065 | 04/13/93 | 302148 | | |
| | | +0.1233 | +0.0071 | 05/11/93 | 302741 | | |
| | | +0.0938 | +0.0063 | 06/08/93 | 303323 | | |
| | | +0.0949 | +0.0066 | 07/06/93 | 303884 | | |
| | | +0.1030 | +0.0054 | 08/03/93 | 304410 | | |
| | | +0.0984 | +0.0066 | 08/31/93 | 304948 | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|-----------------------------------|---------------------------|----------|------------|------------------|----------|--------|
| | | | TERM | COLLECTED LAB NO | | |
| 3205 RM-3 WB 15 MILES NNW | GAMMA SCAN (GELI) BE-7 | +0.0934 | +0.0065 | 09/28/93 | 305483 | |
| | | +0.0877 | +0.0064 | 10/26/93 | 306007 | |
| | | +0.0695 | +0.0062 | 11/22/93 | 306653 | |
| | BI-214 | +0.0720 | +0.0060 | 12/21/93 | 307157 | |
| | | +0.0020 | +0.0007 | 01/19/93 | 300489 | |
| | | +0.0009 | +0.0006 | 02/16/93 | 301031 | |
| | | +0.0027 | +0.0007 | 03/17/93 | 301581 | |
| | | +0.0002 | +0.0006 | 04/13/93 | 302148 | |
| | | +0.0037 | +0.0010 | 05/11/93 | 302741 | |
| | | +0.0027 | +0.0007 | 06/08/93 | 303323 | |
| | K-40 | +0.0006 | +0.0007 | 07/06/93 | 303884 | |
| | | +0.0030 | +0.0050 | 01/19/93 | 300489 | |
| | | +0.0059 | +0.0037 | 04/13/93 | 302148 | |
| | | +0.0087 | +0.0065 | 06/08/93 | 303323 | |
| | | +0.0033 | +0.0061 | 08/03/93 | 304410 | |
| | | +0.0078 | +0.0053 | 10/26/93 | 306007 | |
| | | +0.0047 | +0.0049 | 11/22/93 | 306653 | |
| | PB-212 | +0.0001 | +0.0003 | 01/19/93 | 300489 | |
| | | +0.0003 | +0.0003 | 05/11/93 | 302741 | |
| | | +0.0000 | +0.0004 | 06/08/93 | 303323 | |
| | | +0.0001 | +0.0004 | 08/03/93 | 304410 | |
| | | +0.0002 | +0.0003 | 08/31/93 | 304948 | |
| | | +0.0017 | +0.0006 | 01/19/93 | 300489 | |
| | | +0.0009 | +0.0007 | 02/16/93 | 301031 | |
| | PB-214 | +0.0029 | +0.0006 | 03/17/93 | 301581 | |
| | | +0.0034 | +0.0008 | 05/11/93 | 302741 | |
| | | +0.0020 | +0.0007 | 06/08/93 | 303323 | |
| | | +0.0005 | +0.0006 | 07/06/93 | 303884 | |
| | | +0.0003 | +0.0002 | 06/08/93 | 303323 | |
| | | +0.0000 | +0.0002 | 08/31/93 | 304948 | |
| | | +0.0000 | +0.0002 | 08/31/93 | 304948 | |
| | SR 89 | | -0.0003 | +0.0002 | 03/17/93 | 301582 |
| | | | -0.0001 | +0.0002 | 06/08/93 | 303324 |
| | | +0.0000 | +0.0002 | 08/31/93 | 304949 | |
| | | -0.0001 | +0.0002 | 12/21/93 | 307158 | |
| SR 90 | | | | | | |
| | | +0.0001 | +0.0001 | 03/17/93 | 301582 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN AIR FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | |
|--|-----------------------|----------|------------|------------------|--------|
| | | | TERM | COLLECTED LAB NO | |
| 3205 RM-3 WB 15 MILES NNW | SR 90 | +0.0001 | +0.0001 | 06/08/93 | 303324 |
| | | +0.0000 | +0.0001 | 08/31/93 | 304949 |
| | | +0.0001 | +0.0001 | 12/21/93 | 307158 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CHARCOAL FILTER
 PCI/M3 - 0.037 Bq/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | |
|--|-----------------------|----------------------|----------------|-----------------|
| | | | TERM COLLECTED | LAB NO |
| 2116 RM-2 DAYTON TN 17.75 MILES NNE | GAMMA SCAN (GEL1) | NO ACTIVITY DETECTED | 12/28/92 | 300062 |
| | | NO ACTIVITY DETECTED | 01/05/93 | 300163 |
| | | NO ACTIVITY DETECTED | 01/19/93 | 300402 |
| | | NO ACTIVITY DETECTED | 01/26/93 | 300570 |
| | | NO ACTIVITY DETECTED | 02/16/93 | 300944 |
| | | NO ACTIVITY DETECTED | 02/23/93 | 301130 |
| | | NO ACTIVITY DETECTED | 03/09/93 | 301377 |
| | | NO ACTIVITY DETECTED | 03/17/93 | 301478 |
| | | NO ACTIVITY DETECTED | 04/20/93 | 302207 |
| | | NO ACTIVITY DETECTED | 05/04/93 | 302524 |
| | | NO ACTIVITY DETECTED | 05/11/93 | 302645 |
| | | NO ACTIVITY DETECTED | 05/18/93 | 302813 |
| | | NO ACTIVITY DETECTED | 05/25/93 | 302933 |
| | | NO ACTIVITY DETECTED | 06/15/93 | 303423 |
| | | NO ACTIVITY DETECTED | 06/22/93 | 303530 |
| | | NO ACTIVITY DETECTED | 06/29/93 | 303700 |
| | | NO ACTIVITY DETECTED | 07/06/93 | 303797 |
| | | NO ACTIVITY DETECTED | 07/13/93 | 303947 |
| | | NO ACTIVITY DETECTED | 07/20/93 | 304075 |
| | | NO ACTIVITY DETECTED | 07/27/93 | 304217 |
| | | NO ACTIVITY DETECTED | 08/03/93 | 304322 |
| | | NO ACTIVITY DETECTED | 08/17/93 | 304582 |
| | | NO ACTIVITY DETECTED | 08/24/93 | 304725 |
| | | NO ACTIVITY DETECTED | 09/07/93 | 305039 |
| | | NO ACTIVITY DETECTED | 09/28/93 | 305395 |
| | | NO ACTIVITY DETECTED | 10/05/93 | 305561 |
| | | NO ACTIVITY DETECTED | 10/12/93 | 305662 |
| | | NO ACTIVITY DETECTED | 10/19/93 | 305816 |
| | | NO ACTIVITY DETECTED | 10/26/93 | 305919 |
| | | NO ACTIVITY DETECTED | 11/02/93 | 306082 |
| | | NO ACTIVITY DETECTED | 11/08/93 | 306299 |
| | | NO ACTIVITY DETECTED | 11/16/93 | 306439 |
| | | NO ACTIVITY DETECTED | 11/22/93 | 306550 |
| NO ACTIVITY DETECTED | 11/30/93 | 306719 | | |
| NO ACTIVITY DETECTED | 12/07/93 | 306821 | | |
| NO ACTIVITY DETECTED | 12/14/93 | 306953 | | |
| NO ACTIVITY DETECTED | 12/21/93 | 307054 | | |
| | BI-214 | +0.0116 | +0.0055 | 06/01/93 303094 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CHARCOAL FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO |
|--|-------------------------------------|----------------------|------------|-----------|--------|
| | | | TERM | COLLECTED | |
| 2116 RM-2 DAYTON TN 17.75 MILES NNE | GAMMA SCAN (GELI) BI-214 K-40 | +0.0353 | +0.0071 | 06/08/93 | 303209 |
| | | +0.2226 | +0.0436 | 04/13/93 | 302063 |
| | | +0.1817 | +0.0415 | 06/08/93 | 303209 |
| | PB-212 | +0.1858 | +0.0394 | 09/14/93 | 305155 |
| | | +0.0011 | +0.0039 | 04/27/93 | 302339 |
| | PB-214 | +0.0086 | +0.0054 | 09/21/93 | 305293 |
| | | +0.0467 | +0.0115 | 01/12/93 | 300293 |
| | | +0.0366 | +0.0109 | 02/02/93 | 300696 |
| | | +0.0506 | +0.0150 | 02/09/93 | 300834 |
| | | +0.0143 | +0.0060 | 03/02/93 | 301238 |
| | | +0.0199 | +0.0071 | 03/23/93 | 301682 |
| | | +0.0022 | +0.0063 | 03/30/93 | 301790 |
| | | +0.0117 | +0.0060 | 04/06/93 | 301942 |
| | | +0.0066 | +0.0054 | 04/27/93 | 302339 |
| | | +0.0238 | +0.0107 | 06/01/93 | 303094 |
| | | +0.0153 | +0.0049 | 08/10/93 | 304482 |
| | +0.0088 | +0.0056 | 08/31/93 | 304845 | |
| 3101 LM1 ENV DATA STA 0.5 MILES SSW | GAMMA SCAN (GELI) | NO ACTIVITY DETECTED | | 01/05/93 | 300191 |
| | | NO ACTIVITY DETECTED | | 01/12/93 | 300309 |
| | | NO ACTIVITY DETECTED | | 01/19/93 | 300436 |
| | | NO ACTIVITY DETECTED | | 02/09/93 | 300850 |
| | | NO ACTIVITY DETECTED | | 02/16/93 | 300977 |
| | | NO ACTIVITY DETECTED | | 02/23/93 | 301153 |
| | | NO ACTIVITY DETECTED | | 03/17/93 | 301512 |
| | | NO ACTIVITY DETECTED | | 03/23/93 | 301705 |
| | | NO ACTIVITY DETECTED | | 04/06/93 | 301958 |
| | | NO ACTIVITY DETECTED | | 04/27/93 | 302406 |
| | | NO ACTIVITY DETECTED | | 05/25/93 | 302959 |
| | | NO ACTIVITY DETECTED | | 06/01/93 | 303110 |
| | | NO ACTIVITY DETECTED | | 06/15/93 | 303446 |
| | | NO ACTIVITY DETECTED | | 06/22/93 | 303557 |
| | | NO ACTIVITY DETECTED | | 06/29/93 | 303716 |
| | | NO ACTIVITY DETECTED | | 07/06/93 | 303830 |
| | | NO ACTIVITY DETECTED | | 07/13/93 | 303970 |
| NO ACTIVITY DETECTED | | 07/20/93 | 304101 | | |
| NO ACTIVITY DETECTED | | 07/27/93 | 304233 | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CHARCOAL FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | |
|--|-----------------------|----------------------|------------------|------------------|--------|
| | | | TERM | COLLECTED LAB NO | |
| 3101 LM1 ENV DATA STA 0.5 MILES SSW | GAMMA SCAN (GELI) | | | | |
| | | NO ACTIVITY DETECTED | 08/03/93 | 304355 | |
| | | NO ACTIVITY DETECTED | 08/10/93 | 304505 | |
| | | NO ACTIVITY DETECTED | 08/24/93 | 304741 | |
| | | NO ACTIVITY DETECTED | 08/31/93 | 304879 | |
| | | NO ACTIVITY DETECTED | 09/07/93 | 305062 | |
| | | NO ACTIVITY DETECTED | 09/14/93 | 305182 | |
| | | NO ACTIVITY DETECTED | 09/21/93 | 305309 | |
| | | NO ACTIVITY DETECTED | 09/28/93 | 305428 | |
| | | NO ACTIVITY DETECTED | 10/05/93 | 305584 | |
| | | NO ACTIVITY DETECTED | 10/12/93 | 305689 | |
| | | NO ACTIVITY DETECTED | 10/19/93 | 305832 | |
| | | NO ACTIVITY DETECTED | 10/26/93 | 305952 | |
| | | NO ACTIVITY DETECTED | 11/02/93 | 306120 | |
| | | NO ACTIVITY DETECTED | 11/08/93 | 306326 | |
| | | NO ACTIVITY DETECTED | 11/16/93 | 306455 | |
| | | NO ACTIVITY DETECTED | 12/01/93 | 306742 | |
| | | NO ACTIVITY DETECTED | 12/14/93 | 306969 | |
| | | NO ACTIVITY DETECTED | 12/21/93 | 307088 | |
| | | B1-214 | +0.0106 | +0.0070 04/20/93 | 302230 |
| | | | +0.0051 | +0.0073 11/22/93 | 306597 |
| | | PB-212 | +0.0002 | +0.0056 03/02/93 | 301265 |
| | | | +0.0033 | +0.0046 05/11/93 | 302688 |
| | | PB-214 | +0.0200 | +0.0070 12/28/92 | 300085 |
| | | | +0.0315 | +0.0111 01/26/93 | 300593 |
| | | | +0.0297 | +0.0084 02/02/93 | 300723 |
| | | | +0.0128 | +0.0068 03/02/93 | 301265 |
| | | +0.0202 | +0.0102 03/09/93 | 301393 | |
| | | +0.0027 | +0.0078 03/30/93 | 301817 | |
| | | +0.0345 | +0.0082 04/13/93 | 302095 | |
| | | +0.0203 | +0.0085 04/20/93 | 302230 | |
| | | +0.0149 | +0.0051 05/04/93 | 302540 | |
| | | +0.0190 | +0.0085 05/11/93 | 302688 | |
| | | +0.0129 | +0.0065 05/18/93 | 302836 | |
| | | +0.0154 | +0.0057 06/08/93 | 303244 | |
| | | +0.0050 | +0.0054 08/17/93 | 304608 | |
| | | +0.0099 | +0.0091 11/22/93 | 306597 | |
| | | +0.0086 | +0.0063 12/07/93 | 306848 | |
| 3102 LM2 N. WBSP GATE 0.5 MILES N | GAMMA SCAN (GELI) | | | | |
| | | NO ACTIVITY DETECTED | 12/28/92 | 300089 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
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 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CHARCOAL FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | |
|-----------------------------------|---------------------------------------|----------------------|------------|------------------|--------|
| | | | TERM | COLLECTED LAB NO | |
| 3102 LM2 N. WBSP GATE 0.5 MILES N | GAMMA SCAN (GELI) PB-212 PB-214 | +0.0003 | +0.0027 | 10/19/93 | 305835 |
| | | +0.0309 | +0.0083 | 02/02/93 | 300727 |
| | | +0.0305 | +0.0100 | 02/10/93 | 300853 |
| | | +0.0166 | +0.0078 | 02/23/93 | 301158 |
| | | +0.0204 | +0.0072 | 03/17/93 | 301515 |
| | | +0.0156 | +0.0068 | 03/23/93 | 301709 |
| | | +0.0459 | +0.0107 | 03/30/93 | 301821 |
| | | +0.0356 | +0.0095 | 04/13/93 | 302098 |
| | | +0.0108 | +0.0076 | 04/20/93 | 302234 |
| | | +0.0346 | +0.0102 | 04/27/93 | 302410 |
| | | +0.0214 | +0.0083 | 05/04/93 | 302543 |
| | | +0.0114 | +0.0057 | 05/11/93 | 302691 |
| | | +0.0098 | +0.0055 | 05/25/93 | 302963 |
| | | +0.0028 | +0.0081 | 06/02/93 | 303113 |
| | | +0.0058 | +0.0059 | 06/15/93 | 303450 |
| | | +0.0097 | +0.0090 | 06/22/93 | 303561 |
| | | | +0.0108 | 11/22/93 | 306600 |
| 3106 PM2 SPRING CITY 7.0 MILES NW | GAMMA SCAN (GELI) | NO ACTIVITY DETECTED | | 12/28/92 | 300092 |
| | | NO ACTIVITY DETECTED | | 01/19/93 | 300441 |
| | | NO ACTIVITY DETECTED | | 01/26/93 | 300600 |
| | | NO ACTIVITY DETECTED | | 02/02/93 | 300730 |
| | | NO ACTIVITY DETECTED | | 03/02/93 | 301272 |
| | | NO ACTIVITY DETECTED | | 03/23/93 | 301712 |
| | | NO ACTIVITY DETECTED | | 04/13/93 | 302100 |
| | | NO ACTIVITY DETECTED | | 05/04/93 | 302545 |
| | | NO ACTIVITY DETECTED | | 05/11/93 | 302693 |
| | | NO ACTIVITY DETECTED | | 05/18/93 | 302843 |
| | | NO ACTIVITY DETECTED | | 05/25/93 | 302966 |
| | | NO ACTIVITY DETECTED | | 06/01/93 | 303115 |
| | | NO ACTIVITY DETECTED | | 06/08/93 | 303251 |
| | | NO ACTIVITY DETECTED | | 06/15/93 | 303453 |
| | | NO ACTIVITY DETECTED | | 06/29/93 | 303721 |
| | | NO ACTIVITY DETECTED | | 07/06/93 | 303835 |
| | | NO ACTIVITY DETECTED | | 07/13/93 | 303977 |
| NO ACTIVITY DETECTED | | 07/20/93 | 304108 | | |
| NO ACTIVITY DETECTED | | 07/27/93 | 304238 | | |

TENNESSEE VALLEY AUTHORITY
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 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CHARCOAL FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | |
|-----------------------------------|-----------------------|----------------------|------------|------------------|--------|
| | | | TERM | COLLECTED LAB NO | |
| 3106 PM2 SPRING CITY 7.0 MILES NW | GAMMA SCAN (GELI) | | | | |
| | | NO ACTIVITY DETECTED | 08/03/93 | 304360 | |
| | | NO ACTIVITY DETECTED | 08/10/93 | 304512 | |
| | | NO ACTIVITY DETECTED | 08/17/93 | 304615 | |
| | | NO ACTIVITY DETECTED | 08/24/93 | 304746 | |
| | | NO ACTIVITY DETECTED | 09/07/93 | 305069 | |
| | | NO ACTIVITY DETECTED | 09/14/93 | 305189 | |
| | | NO ACTIVITY DETECTED | 09/21/93 | 305314 | |
| | | NO ACTIVITY DETECTED | 09/28/93 | 305433 | |
| | | NO ACTIVITY DETECTED | 10/12/93 | 305696 | |
| | | NO ACTIVITY DETECTED | 10/19/93 | 305837 | |
| | | NO ACTIVITY DETECTED | 10/26/93 | 305957 | |
| | | NO ACTIVITY DETECTED | 11/02/93 | 306127 | |
| | | NO ACTIVITY DETECTED | 11/16/93 | 306460 | |
| | | NO ACTIVITY DETECTED | 11/22/93 | 306602 | |
| | | NO ACTIVITY DETECTED | 12/07/93 | 306855 | |
| | | NO ACTIVITY DETECTED | 12/14/93 | 306974 | |
| | | NO ACTIVITY DETECTED | 12/21/93 | 307093 | |
| | BI-214 | +0.0095 | +0.0057 | 01/12/93 | 300314 |
| | | +0.0207 | +0.0084 | 02/09/93 | 300855 |
| | | +0.0128 | +0.0070 | 03/30/93 | 301824 |
| | | +0.0114 | +0.0075 | 11/08/93 | 306333 |
| | K-40 | +0.2598 | +0.0557 | 02/09/93 | 300855 |
| | | +0.3511 | +0.0501 | 03/30/93 | 301824 |
| | | +0.2484 | +0.0616 | 08/31/93 | 304884 |
| | | +0.2037 | +0.0594 | 11/08/93 | 306333 |
| | PB-212 | +0.0027 | +0.0048 | 03/17/93 | 301517 |
| | | +0.0053 | +0.0040 | 03/30/93 | 301824 |
| | | +0.0023 | +0.0045 | 10/05/93 | 305591 |
| | PB-214 | +0.0254 | +0.0050 | 01/05/93 | 300198 |
| | | +0.0249 | +0.0097 | 02/16/93 | 300982 |
| | | +0.0214 | +0.0082 | 02/23/93 | 301161 |
| | | +0.0175 | +0.0094 | 03/09/93 | 301398 |
| | | +0.0079 | +0.0071 | 03/30/93 | 301824 |
| | | +0.0037 | +0.0055 | 04/06/93 | 301963 |
| | +0.0283 | +0.0065 | 04/20/93 | 302237 | |
| | +0.0138 | +0.0056 | 04/27/93 | 302413 | |
| | +0.0275 | +0.0063 | 06/22/93 | 303564 | |
| | +0.0029 | +0.0066 | 11/08/93 | 306333 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CHARCOAL FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | |
|--|-----------------------------|----------|------------------|--------|
| | | | TERM COLLECTED | LAB NO |
| 3106 PM2 SPRING CITY 7.0 MILES NW | GAMMA SCAN (GELI) PB-214 | +0.0139 | +0.0038 11/30/93 | 306750 |
| 3107 PM3 CEDINE BIBLE CAMP 11.5 M. NNE | GAMMA SCAN (GELI) | | | |
| | NO ACTIVITY DETECTED | | 12/28/92 | 300095 |
| | NO ACTIVITY DETECTED | | 01/05/93 | 300201 |
| | NO ACTIVITY DETECTED | | 01/12/93 | 300316 |
| | NO ACTIVITY DETECTED | | 01/26/93 | 300603 |
| | NO ACTIVITY DETECTED | | 02/02/93 | 300733 |
| | NO ACTIVITY DETECTED | | 02/09/93 | 300857 |
| | NO ACTIVITY DETECTED | | 02/16/93 | 300984 |
| | NO ACTIVITY DETECTED | | 03/02/93 | 301275 |
| | NO ACTIVITY DETECTED | | 03/09/93 | 301400 |
| | NO ACTIVITY DETECTED | | 03/17/93 | 301519 |
| | NO ACTIVITY DETECTED | | 03/23/93 | 301715 |
| | NO ACTIVITY DETECTED | | 03/30/93 | 301827 |
| | NO ACTIVITY DETECTED | | 04/06/93 | 301965 |
| | NO ACTIVITY DETECTED | | 04/13/93 | 302102 |
| | NO ACTIVITY DETECTED | | 04/27/93 | 302416 |
| | NO ACTIVITY DETECTED | | 05/04/93 | 302547 |
| | NO ACTIVITY DETECTED | | 05/25/93 | 302969 |
| | NO ACTIVITY DETECTED | | 06/08/93 | 303254 |
| | NO ACTIVITY DETECTED | | 06/29/93 | 303723 |
| | NO ACTIVITY DETECTED | | 07/06/93 | 303837 |
| | NO ACTIVITY DETECTED | | 07/20/93 | 304111 |
| | NO ACTIVITY DETECTED | | 07/27/93 | 304240 |
| | NO ACTIVITY DETECTED | | 08/03/93 | 304362 |
| | NO ACTIVITY DETECTED | | 08/10/93 | 304515 |
| | NO ACTIVITY DETECTED | | 08/17/93 | 304618 |
| | NO ACTIVITY DETECTED | | 08/24/93 | 304748 |
| | NO ACTIVITY DETECTED | | 08/31/93 | 304886 |
| | NO ACTIVITY DETECTED | | 09/14/93 | 305192 |
| | NO ACTIVITY DETECTED | | 09/21/93 | 305316 |
| | NO ACTIVITY DETECTED | | 09/28/93 | 305435 |
| | NO ACTIVITY DETECTED | | 10/05/93 | 305594 |
| | NO ACTIVITY DETECTED | | 10/12/93 | 305699 |
| | NO ACTIVITY DETECTED | | 10/19/93 | 305839 |
| | NO ACTIVITY DETECTED | | 11/02/93 | 306130 |
| | NO ACTIVITY DETECTED | | 11/16/93 | 306462 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CHARCOAL FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | |
|---|-----------------------|----------------------|------------|------------------|--------|
| | | | TERM | COLLECTED LAB NO | |
| 3107 PM3 CEDINE BIBLE CAMP 11.5 M. NNE | GAMMA SCAN (GELI) | | | | |
| | | NO ACTIVITY DETECTED | 11/22/93 | 306604 | |
| | | NO ACTIVITY DETECTED | 12/14/93 | 306976 | |
| | BI-214 | +0.0122 | +0.0077 | 02/23/93 | 301164 |
| | | +0.0075 | +0.0067 | 05/18/93 | 302846 |
| | | +0.0278 | +0.0099 | 06/22/93 | 303567 |
| | K-40 | +0.0163 | +0.0088 | 09/07/93 | 305072 |
| | | +0.2426 | +0.0463 | 04/20/93 | 302240 |
| | | +0.2507 | +0.0585 | 05/18/93 | 302846 |
| | | +0.2467 | +0.0463 | 09/07/93 | 305072 |
| | PB-214 | +0.2754 | +0.0657 | 11/08/93 | 306336 |
| | | +0.0287 | +0.0085 | 01/19/93 | 300443 |
| | | +0.0199 | +0.0082 | 02/23/93 | 301164 |
| | | +0.0124 | +0.0089 | 05/11/93 | 302695 |
| | | +0.0109 | +0.0063 | 05/18/93 | 302846 |
| | | +0.0221 | +0.0074 | 06/01/93 | 303117 |
| | | +0.0424 | +0.0110 | 06/15/93 | 303456 |
| | | +0.0188 | +0.0103 | 06/22/93 | 303567 |
| | | +0.0170 | +0.0079 | 07/13/93 | 303981 |
| | | +0.0287 | +0.0075 | 10/26/93 | 305959 |
| +0.0267 | +0.0079 | 11/30/93 | 306753 | | |
| | +0.0009 | +0.0055 | 12/07/93 | 306858 | |
| | +0.0175 | +0.0072 | 12/21/93 | 307095 | |
| 3108 PM-4 TEN MILE 7.8 M. NE/ENE | GAMMA SCAN (GELI) | | | | |
| | | NO ACTIVITY DETECTED | 12/28/92 | 300099 | |
| | | NO ACTIVITY DETECTED | 01/05/93 | 300204 | |
| | | NO ACTIVITY DETECTED | 01/12/93 | 300318 | |
| | | NO ACTIVITY DETECTED | 01/19/93 | 300445 | |
| | | NO ACTIVITY DETECTED | 01/26/93 | 300606 | |
| | | NO ACTIVITY DETECTED | 02/10/93 | 300859 | |
| | | NO ACTIVITY DETECTED | 03/10/93 | 301402 | |
| | | NO ACTIVITY DETECTED | 03/23/93 | 301718 | |
| | | NO ACTIVITY DETECTED | 03/31/93 | 301830 | |
| | | NO ACTIVITY DETECTED | 04/07/93 | 301967 | |
| | | NO ACTIVITY DETECTED | 04/13/93 | 302104 | |
| | | NO ACTIVITY DETECTED | 04/20/93 | 302243 | |
| | | NO ACTIVITY DETECTED | 05/12/93 | 302697 | |
| | | NO ACTIVITY DETECTED | 05/18/93 | 302850 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
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 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CHARCOAL FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR TERM | DATE COLLECTED | LAB NO |
|-----------------------------------|-----------------------|----------------------|------------|----------------|--------|
| 3108 PM-4 TEN MILE | 7.8 M. NE/ENE | GAMMA SCAN (GELI) | | | |
| | | NO ACTIVITY DETECTED | | 05/25/93 | 302972 |
| | | NO ACTIVITY DETECTED | | 06/30/93 | 303725 |
| | | NO ACTIVITY DETECTED | | 07/07/93 | 303839 |
| | | NO ACTIVITY DETECTED | | 07/13/93 | 303984 |
| | | NO ACTIVITY DETECTED | | 07/20/93 | 304114 |
| | | NO ACTIVITY DETECTED | | 07/28/93 | 304242 |
| | | NO ACTIVITY DETECTED | | 08/04/93 | 304364 |
| | | NO ACTIVITY DETECTED | | 08/10/93 | 304519 |
| | | NO ACTIVITY DETECTED | | 08/18/93 | 304621 |
| | | NO ACTIVITY DETECTED | | 08/31/93 | 304888 |
| | | NO ACTIVITY DETECTED | | 09/07/93 | 305076 |
| | | NO ACTIVITY DETECTED | | 09/14/93 | 305195 |
| | | NO ACTIVITY DETECTED | | 09/28/93 | 305437 |
| | | NO ACTIVITY DETECTED | | 10/05/93 | 305597 |
| | | NO ACTIVITY DETECTED | | 10/13/93 | 305702 |
| | | NO ACTIVITY DETECTED | | 10/19/93 | 305841 |
| | | NO ACTIVITY DETECTED | | 11/16/93 | 306464 |
| | | NO ACTIVITY DETECTED | | 12/14/93 | 306978 |
| | BI-214 | +0.0216 | +0.0113 | 06/15/93 | 303459 |
| | | +0.0194 | +0.0082 | 11/22/93 | 306606 |
| | | +0.0160 | +0.0088 | 12/01/93 | 306756 |
| | | +0.0223 | +0.0075 | 12/08/93 | 306861 |
| | K-40 | +1.2311 | +0.2417 | 03/17/93 | 301521 |
| | | +0.3128 | +0.0643 | 06/15/93 | 303459 |
| | | +0.1755 | +0.0341 | 10/26/93 | 305961 |
| | | +0.2094 | +0.0524 | 11/03/93 | 306133 |
| | | +0.4189 | +0.0889 | 11/09/93 | 306339 |
| | | +0.3559 | +0.0575 | 11/22/93 | 306606 |
| | | +0.2714 | +0.0607 | 12/01/93 | 306756 |
| | PB-212 | +0.0072 | +0.0038 | 02/03/93 | 300736 |
| | PB-214 | +0.0182 | +0.0073 | 02/17/93 | 300986 |
| | | +0.0182 | +0.0081 | 02/23/93 | 301167 |
| | | +0.0119 | +0.0072 | 03/02/93 | 301278 |
| | | +0.0447 | +0.0264 | 03/17/93 | 301521 |
| | | +0.0180 | +0.0050 | 04/27/93 | 302419 |
| | | +0.0098 | +0.0058 | 05/05/93 | 302549 |
| | | +0.0108 | +0.0034 | 06/02/93 | 303119 |
| | | +0.0091 | +0.0052 | 06/09/93 | 303258 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
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 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CHARCOAL FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | |
|-----------------------------------|--|----------------------|----------------|----------|--------|
| | | | TERM COLLECTED | LAB NO | |
| 3108 PM-4 TEN MILE | 7.8 M. NE/ENE GAMMA SCAN (GELI) PB-214 | +0.0226 | +0.0069 | 06/22/93 | 303570 |
| | | +0.0163 | +0.0107 | 08/25/93 | 304750 |
| | | +0.0117 | +0.0080 | 09/21/93 | 305318 |
| | | +0.0773 | +0.0136 | 11/09/93 | 306339 |
| | | +0.0190 | +0.0084 | 12/01/93 | 306756 |
| | | +0.0105 | +0.0061 | 12/21/93 | 307097 |
| 3109 PMS DECATUR | 6.25 MILES S GAMMA SCAN (GELI) | NO ACTIVITY DETECTED | | 01/13/93 | 300320 |
| | | NO ACTIVITY DETECTED | | 01/20/93 | 300447 |
| | | NO ACTIVITY DETECTED | | 02/10/93 | 300861 |
| | | NO ACTIVITY DETECTED | | 02/17/93 | 300988 |
| | | NO ACTIVITY DETECTED | | 03/31/93 | 301833 |
| | | NO ACTIVITY DETECTED | | 06/02/93 | 303121 |
| | | NO ACTIVITY DETECTED | | 06/09/93 | 303261 |
| | | NO ACTIVITY DETECTED | | 06/15/93 | 303462 |
| | | NO ACTIVITY DETECTED | | 06/30/93 | 303727 |
| | | NO ACTIVITY DETECTED | | 07/13/93 | 303987 |
| | | NO ACTIVITY DETECTED | | 07/20/93 | 304117 |
| | | NO ACTIVITY DETECTED | | 07/28/93 | 304244 |
| | | NO ACTIVITY DETECTED | | 08/04/93 | 304366 |
| | | NO ACTIVITY DETECTED | | 08/10/93 | 304522 |
| | | NO ACTIVITY DETECTED | | 08/18/93 | 304624 |
| | | NO ACTIVITY DETECTED | | 09/01/93 | 304890 |
| | | NO ACTIVITY DETECTED | | 09/14/93 | 305198 |
| | | NO ACTIVITY DETECTED | | 09/21/93 | 305320 |
| | | NO ACTIVITY DETECTED | | 09/29/93 | 305439 |
| | | NO ACTIVITY DETECTED | | 10/13/93 | 305705 |
| | | NO ACTIVITY DETECTED | | 10/19/93 | 305843 |
| | | NO ACTIVITY DETECTED | | 10/26/93 | 305963 |
| | | NO ACTIVITY DETECTED | | 11/03/93 | 306136 |
| | | NO ACTIVITY DETECTED | | 11/09/93 | 306342 |
| | | NO ACTIVITY DETECTED | | 11/16/93 | 306466 |
| | | NO ACTIVITY DETECTED | | 12/01/93 | 306759 |
| | | NO ACTIVITY DETECTED | | 12/08/93 | 306864 |
| NO ACTIVITY DETECTED | | 12/15/93 | 306980 | | |
| NO ACTIVITY DETECTED | | 12/22/93 | 307099 | | |
| | B1-214 | +0.0210 | +0.0085 | 02/23/93 | 301170 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CHARCOAL FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO | |
|-----------------------------------|-----------------------------|----------------------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | | |
| 3109 PM5 DECATUR 6.25 MILES S | GAMMA SCAN (GELI) BI-214 | +0.0057 | +0.0068 | 05/12/93 | 302699 | |
| | | +0.0042 | +0.0100 | 07/06/93 | 303841 | |
| | K-40 | +0.2225 | +0.0545 | 06/23/93 | 303573 | |
| | | +0.2714 | +0.0517 | 07/06/93 | 303841 | |
| | | +0.2387 | +0.0554 | 09/07/93 | 305079 | |
| | | +0.2517 | +0.0400 | 10/05/93 | 305600 | |
| | | +0.2664 | +0.0576 | 11/22/93 | 306608 | |
| | | PB-214 | +0.0083 | +0.0076 | 12/28/92 | 300102 |
| | | | +0.0191 | +0.0077 | 01/06/93 | 300207 |
| | | | +0.0147 | +0.0086 | 01/26/93 | 300610 |
| | | | +0.0275 | +0.0143 | 02/03/93 | 300739 |
| | | | +0.0400 | +0.0087 | 02/23/93 | 301170 |
| | | | +0.0349 | +0.0099 | 03/03/93 | 301281 |
| | | | +0.0183 | +0.0098 | 04/07/93 | 301969 |
| | | | +0.0230 | +0.0101 | 04/14/93 | 302106 |
| | | | +0.0063 | +0.0047 | 04/20/93 | 302246 |
| | | | +0.0179 | +0.0102 | 04/27/93 | 302422 |
| | | +0.0160 | +0.0073 | 05/05/93 | 302551 | |
| | | +0.0135 | +0.0069 | 05/18/93 | 302853 | |
| | | +0.0011 | +0.0058 | 05/26/93 | 302975 | |
| +0.0183 | +0.0079 | 08/25/93 | 304752 | | | |
| +0.0206 | +0.0071 | 11/22/93 | 306608 | | | |
| 3203 LM-3 WB 2.1 MILES NNE | GAMMA SCAN (GELI) | NO ACTIVITY DETECTED | | 12/28/92 | 300105 | |
| | | NO ACTIVITY DETECTED | | 01/05/93 | 300220 | |
| | | NO ACTIVITY DETECTED | | 01/12/93 | 300322 | |
| | | NO ACTIVITY DETECTED | | 01/19/93 | 300453 | |
| | | NO ACTIVITY DETECTED | | 01/26/93 | 300613 | |
| | | NO ACTIVITY DETECTED | | 02/02/93 | 300753 | |
| | | NO ACTIVITY DETECTED | | 02/10/93 | 300863 | |
| | | NO ACTIVITY DETECTED | | 02/16/93 | 300995 | |
| | | NO ACTIVITY DETECTED | | 03/17/93 | 301530 | |
| | | NO ACTIVITY DETECTED | | 03/23/93 | 301724 | |
| | | NO ACTIVITY DETECTED | | 04/06/93 | 301971 | |
| | | NO ACTIVITY DETECTED | | 04/13/93 | 302112 | |
| | | NO ACTIVITY DETECTED | | 04/27/93 | 302449 | |
| | | NO ACTIVITY DETECTED | | 05/05/93 | 302553 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CHARCOAL FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR | DATE | LAB NO | |
|-----------------------------------|-----------------------|----------------------|----------|-----------|----------|--------|
| | | | TERM | COLLECTED | | |
| 3203 LM-3 WB 2.1 MILES NNE | GAMMA SCAN (GELI) | NO ACTIVITY DETECTED | | 06/02/93 | 303123 | |
| | | NO ACTIVITY DETECTED | | 06/15/93 | 303466 | |
| | | NO ACTIVITY DETECTED | | 06/22/93 | 303587 | |
| | | NO ACTIVITY DETECTED | | 06/29/93 | 303729 | |
| | | NO ACTIVITY DETECTED | | 07/06/93 | 303848 | |
| | | NO ACTIVITY DETECTED | | 07/13/93 | 303990 | |
| | | NO ACTIVITY DETECTED | | 07/20/93 | 304131 | |
| | | NO ACTIVITY DETECTED | | 07/27/93 | 304246 | |
| | | NO ACTIVITY DETECTED | | 08/03/93 | 304374 | |
| | | NO ACTIVITY DETECTED | | 08/10/93 | 304525 | |
| | | NO ACTIVITY DETECTED | | 08/17/93 | 304642 | |
| | | NO ACTIVITY DETECTED | | 08/25/93 | 304754 | |
| | | NO ACTIVITY DETECTED | | 09/07/93 | 305082 | |
| | | NO ACTIVITY DETECTED | | 09/14/93 | 305213 | |
| | | NO ACTIVITY DETECTED | | 09/21/93 | 305322 | |
| | | NO ACTIVITY DETECTED | | 09/28/93 | 305447 | |
| | | NO ACTIVITY DETECTED | | 10/05/93 | 305603 | |
| | | NO ACTIVITY DETECTED | | 10/19/93 | 305845 | |
| | | NO ACTIVITY DETECTED | | 10/26/93 | 305971 | |
| | | NO ACTIVITY DETECTED | | 11/03/93 | 306153 | |
| | | NO ACTIVITY DETECTED | | 11/08/93 | 306359 | |
| | | NO ACTIVITY DETECTED | | 11/16/93 | 306468 | |
| | | NO ACTIVITY DETECTED | | 11/22/93 | 306617 | |
| | | NO ACTIVITY DETECTED | | 12/01/93 | 306763 | |
| | | NO ACTIVITY DETECTED | | 12/08/93 | 306878 | |
| | | NO ACTIVITY DETECTED | | 12/15/93 | 306982 | |
| | | NO ACTIVITY DETECTED | | 12/21/93 | 307106 | |
| | | BI-214 | +0.0178 | +0.0079 | 02/23/93 | 301173 |
| | | | +0.0153 | +0.0078 | 03/02/93 | 301296 |
| | | | +0.0122 | +0.0084 | 03/30/93 | 301846 |
| | | | +0.0230 | +0.0083 | 05/18/93 | 302857 |
| | | K-40 | +0.3536 | +0.0565 | 05/11/93 | 302705 |
| | | PB-214 | +0.0297 | +0.0082 | 02/23/93 | 301173 |
| | +0.0175 | +0.0062 | 03/02/93 | 301296 | | |
| | +0.0238 | +0.0072 | 03/10/93 | 301406 | | |
| | +0.0096 | +0.0087 | 03/30/93 | 301846 | | |
| | +0.0057 | +0.0072 | 04/20/93 | 302249 | | |
| | +0.0304 | +0.0110 | 05/18/93 | 302857 | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CHARCOAL FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | |
|-----------------------------------|-----------------------------|----------------------|----------------|----------|--------|
| | | | TERM COLLECTED | LAB NO | |
| 3203 LM-3 WB 2.1 MILES NNE | GAMMA SCAN (GELI) PB-214 | +0.0344 | +0.0124 | 05/25/93 | 302991 |
| | | +0.0195 | +0.0076 | 06/08/93 | 303268 |
| | | +0.0192 | +0.0079 | 08/31/93 | 304897 |
| | | +0.0153 | +0.0056 | 10/12/93 | 305719 |
| 3204 LM-4 WB 0.9 MILES SE | GAMMA SCAN (GELI) | NO ACTIVITY DETECTED | | 01/19/93 | 300455 |
| | | NO ACTIVITY DETECTED | | 02/16/93 | 300997 |
| | | NO ACTIVITY DETECTED | | 02/23/93 | 301176 |
| | | NO ACTIVITY DETECTED | | 03/10/93 | 301408 |
| | | NO ACTIVITY DETECTED | | 03/17/93 | 301532 |
| | | NO ACTIVITY DETECTED | | 03/23/93 | 301728 |
| | | NO ACTIVITY DETECTED | | 04/06/93 | 301973 |
| | | NO ACTIVITY DETECTED | | 04/20/93 | 302252 |
| | | NO ACTIVITY DETECTED | | 05/18/93 | 302860 |
| | | NO ACTIVITY DETECTED | | 06/08/93 | 303272 |
| | | NO ACTIVITY DETECTED | | 06/29/93 | 303731 |
| | | NO ACTIVITY DETECTED | | 07/13/93 | 303993 |
| | | NO ACTIVITY DETECTED | | 07/20/93 | 304134 |
| | | NO ACTIVITY DETECTED | | 07/28/93 | 304248 |
| | | NO ACTIVITY DETECTED | | 08/03/93 | 304376 |
| | | NO ACTIVITY DETECTED | | 08/10/93 | 304529 |
| | | NO ACTIVITY DETECTED | | 08/17/93 | 304645 |
| | | NO ACTIVITY DETECTED | | 08/31/93 | 304899 |
| | | NO ACTIVITY DETECTED | | 09/07/93 | 305085 |
| | | NO ACTIVITY DETECTED | | 09/14/93 | 305216 |
| | | NO ACTIVITY DETECTED | | 09/21/93 | 305324 |
| | | NO ACTIVITY DETECTED | | 09/28/93 | 305449 |
| | | NO ACTIVITY DETECTED | | 10/12/93 | 305722 |
| | | NO ACTIVITY DETECTED | | 10/19/93 | 305847 |
| | | NO ACTIVITY DETECTED | | 11/03/93 | 306156 |
| | | NO ACTIVITY DETECTED | | 11/16/93 | 306470 |
| | | NO ACTIVITY DETECTED | | 12/01/93 | 306766 |
| NO ACTIVITY DETECTED | | 12/07/93 | 306881 | | |
| NO ACTIVITY DETECTED | | 12/21/93 | 307108 | | |
| | BI-214 | +0.0422 | +0.0102 | 02/10/93 | 300865 |
| | | +0.0183 | +0.0066 | 03/02/93 | 301299 |
| | | +0.0093 | +0.0075 | 04/13/93 | 302114 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CHARCOAL FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO | | |
|-----------------------------------|---|----------------------------------|-------------------|----------------------|--------|----------|--------|
| | | | TERM | COLLECTED | | | |
| 3204 LM-4 WB 0.9 MILES SE | GAMMA SCAN (GELI) BI-214 K-40 PB-212 PB-214 | +0.0070 | +0.0068 | 06/15/93 | 303469 | | |
| | | +0.0172 | +0.0075 | 07/06/93 | 303850 | | |
| | | +0.0085 | +0.0063 | 10/05/93 | 305606 | | |
| | | +0.0155 | +0.0105 | 11/08/93 | 306362 | | |
| | | +0.0190 | +0.0111 | 11/22/93 | 306619 | | |
| | | +0.1274 | +0.0446 | 10/05/93 | 305606 | | |
| | | +0.4849 | +0.0835 | 11/08/93 | 306362 | | |
| | | +0.2514 | +0.0638 | 11/22/93 | 306619 | | |
| | | +0.0045 | +0.0043 | 06/22/93 | 303590 | | |
| | | +0.0117 | +0.0078 | 12/28/92 | 300108 | | |
| | | +0.0235 | +0.0077 | 01/05/93 | 300223 | | |
| | | +0.0239 | +0.0073 | 01/12/93 | 300324 | | |
| | | +0.0412 | +0.0106 | 01/26/93 | 300616 | | |
| | | +0.0277 | +0.0082 | 02/02/93 | 300756 | | |
| | | +0.0669 | +0.0116 | 02/10/93 | 300865 | | |
| | | +0.0318 | +0.0128 | 03/30/93 | 301849 | | |
| | | +0.0147 | +0.0087 | 04/13/93 | 302114 | | |
| | | +0.0148 | +0.0103 | 04/27/93 | 302452 | | |
| | | +0.0179 | +0.0077 | 05/05/93 | 302555 | | |
| | | +0.0323 | +0.0087 | 05/11/93 | 302707 | | |
| | | +0.0215 | +0.0078 | 05/25/93 | 302994 | | |
| | | +0.0240 | +0.0097 | 06/02/93 | 303125 | | |
| | | +0.0160 | +0.0108 | 06/15/93 | 303469 | | |
| | | +0.0131 | +0.0076 | 06/22/93 | 303590 | | |
| | | +0.0069 | +0.0076 | 08/25/93 | 304756 | | |
| | | +0.0163 | +0.0064 | 10/26/93 | 305973 | | |
| | | +0.0318 | +0.0092 | 11/08/93 | 306362 | | |
| | | +0.0164 | +0.0070 | 12/15/93 | 306984 | | |
| | | 3205 RM-3 WB 15 MILES NNW | GAMMA SCAN (GELI) | NO ACTIVITY DETECTED | | 12/28/92 | 300111 |
| | | | | NO ACTIVITY DETECTED | | 01/05/93 | 300226 |
| NO ACTIVITY DETECTED | | | | 01/12/93 | 300326 | | |
| NO ACTIVITY DETECTED | | | | 01/19/93 | 300457 | | |
| NO ACTIVITY DETECTED | | | | 01/26/93 | 300619 | | |
| NO ACTIVITY DETECTED | | | | 02/02/93 | 300759 | | |
| NO ACTIVITY DETECTED | | | | 02/16/93 | 300999 | | |
| NO ACTIVITY DETECTED | | | | 03/02/93 | 301302 | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CHARCOAL FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR TERM | DATE COLLECTED | LAB NO |
|-----------------------------------|-----------------------|----------------------|------------|----------------|--------|
| 3205 RM-3 WB | | 15 MILES NNW | | | |
| | GAMMA SCAN (GELI) | | | | |
| | | NO ACTIVITY DETECTED | | 03/30/93 | 301852 |
| | | NO ACTIVITY DETECTED | | 04/27/93 | 302455 |
| | | NO ACTIVITY DETECTED | | 05/04/93 | 302557 |
| | | NO ACTIVITY DETECTED | | 06/01/93 | 303127 |
| | | NO ACTIVITY DETECTED | | 06/08/93 | 303275 |
| | | NO ACTIVITY DETECTED | | 06/15/93 | 303472 |
| | | NO ACTIVITY DETECTED | | 06/22/93 | 303593 |
| | | NO ACTIVITY DETECTED | | 06/29/93 | 303733 |
| | | NO ACTIVITY DETECTED | | 07/06/93 | 303852 |
| | | NO ACTIVITY DETECTED | | 07/13/93 | 303996 |
| | | NO ACTIVITY DETECTED | | 07/20/93 | 304137 |
| | | NO ACTIVITY DETECTED | | 07/27/93 | 304250 |
| | | NO ACTIVITY DETECTED | | 08/03/93 | 304378 |
| | | NO ACTIVITY DETECTED | | 08/10/93 | 304532 |
| | | NO ACTIVITY DETECTED | | 08/17/93 | 304648 |
| | | NO ACTIVITY DETECTED | | 08/31/93 | 304901 |
| | | NO ACTIVITY DETECTED | | 09/07/93 | 305088 |
| | | NO ACTIVITY DETECTED | | 09/14/93 | 305219 |
| | | NO ACTIVITY DETECTED | | 09/21/93 | 305326 |
| | | NO ACTIVITY DETECTED | | 10/05/93 | 305610 |
| | | NO ACTIVITY DETECTED | | 10/12/93 | 305725 |
| | | NO ACTIVITY DETECTED | | 10/19/93 | 305849 |
| | | NO ACTIVITY DETECTED | | 10/26/93 | 305975 |
| | | NO ACTIVITY DETECTED | | 11/02/93 | 306159 |
| | | NO ACTIVITY DETECTED | | 11/08/93 | 306365 |
| | | NO ACTIVITY DETECTED | | 11/16/93 | 306472 |
| | | NO ACTIVITY DETECTED | | 11/22/93 | 306621 |
| | | NO ACTIVITY DETECTED | | 12/07/93 | 306884 |
| | | NO ACTIVITY DETECTED | | 12/21/93 | 307110 |
| | B1-214 | +0.0155 | +0.0086 | 04/20/93 | 302255 |
| | | +0.0013 | +0.0054 | 05/18/93 | 302863 |
| | | +0.0107 | +0.0068 | 05/25/93 | 302997 |
| | | +0.0178 | +0.0069 | 11/30/93 | 306769 |
| | K-40 | +0.1119 | +0.0428 | 02/23/93 | 301179 |
| | | +0.1956 | +0.0489 | 03/17/93 | 301534 |
| | | +0.1144 | +0.0459 | 11/30/93 | 306769 |
| | | +0.1749 | +0.0489 | 12/14/93 | 306986 |
| | PB-212 | +0.0012 | +0.0035 | 03/09/93 | 301410 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CHARCOAL FILTER
 PCI/M3 - 0.037 BQ/M3
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | |
|-----------------------------------|-----------------------|----------|-----------------|-------------------------|
| | | | TERM | COLLECTED LAB NO |
| 3205 RM-3 WB 15 MILES NNW | GAMMA SCAN (GELI) | +0.0066 | +0.0045 | 08/24/93 304758 |
| | | PB-212 | +0.0057 | +0.0038 09/28/93 305451 |
| | PB-214 | +0.0492 | +0.0118 | 02/09/93 300867 |
| | | +0.0067 | +0.0061 | 03/17/93 301534 |
| | +0.0045 | +0.0060 | 03/23/93 301731 | |
| | +0.0183 | +0.0067 | 04/06/93 301975 | |
| | +0.0100 | +0.0066 | 04/13/93 302116 | |
| | +0.0056 | +0.0061 | 05/11/93 302709 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN GUM PAPER
 MCI/KM2 - 37000000.00 BQ/KM2
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO |
|--|-----------------------|--|------------|-----------|---------|
| | | | TERM | COLLECTED | |
| 2116 RM-2 DAYTON TN 17.75 MILES NNE | GROSS BETA | +0.0404 | +0.0058 | 01/05/93 | 300164 |
| | | +0.0604 | +0.0078 | 02/02/93 | 300697 |
| | | +0.0834 | +0.0100 | 03/02/93 | 301239 |
| | | +0.1181 | +0.0134 | 03/30/93 | 301791 |
| | | +0.1195 | +0.0136 | 04/27/93 | 302340 |
| | | +0.2428 | +0.0258 | 05/25/93 | 302934 |
| | | +0.0915 | +0.0108 | 06/22/93 | 303531 |
| | | +0.0622 | +0.0080 | 07/20/93 | 304076 |
| | | +0.0827 | +0.0100 | 08/17/93 | 304583 |
| | | +0.0888 | +0.0106 | 09/14/93 | 305156 |
| | | +0.0732 | +0.0090 | 10/12/93 | 305663 |
| | | +0.1015 | +0.0118 | 11/08/93 | 306300 |
| | | +0.1175 | +0.0134 | 12/07/93 | 306822 |
| | | 3101 LM1 ENV DATA STA 0.5 MILES SSW | GROSS BETA | +0.0556 | +0.0073 |
| +0.0938 | +0.0111 | | | 02/02/93 | 300724 |
| +0.1077 | +0.0124 | | | 03/02/93 | 301266 |
| +0.1109 | +0.0127 | | | 03/30/93 | 301818 |
| +0.1368 | +0.0153 | | | 04/27/93 | 302407 |
| +0.1919 | +0.0208 | | | 05/25/93 | 302960 |
| +0.1007 | +0.0117 | | | 06/22/93 | 303558 |
| +0.0778 | +0.0095 | | | 07/20/93 | 304102 |
| +0.1427 | +0.0159 | | | 08/17/93 | 304609 |
| +0.0899 | +0.0107 | | | 09/14/93 | 305183 |
| +0.1133 | +0.0130 | | | 10/12/93 | 305690 |
| +0.1041 | +0.0120 | | | 11/08/93 | 306327 |
| +0.1419 | +0.0158 | | | 12/07/93 | 306849 |
| 3102 LM2 N. WBSP GATE 0.5 MILES N | GROSS BETA | | | +0.1126 | +0.0129 |
| | | +0.0834 | +0.0100 | 02/02/93 | 300728 |
| | | +0.1576 | +0.0174 | 03/02/93 | 301270 |
| | | +0.1886 | +0.0205 | 03/30/93 | 301822 |
| | | +0.2025 | +0.0220 | 04/27/93 | 302411 |
| | | +0.2652 | +0.0282 | 05/25/93 | 302964 |
| | | +0.1204 | +0.0138 | 06/22/93 | 303562 |
| | | +0.1069 | +0.0124 | 07/20/93 | 304106 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN GUM PAPER
 MCI/KM2 - 37000000.00 BQ/KM2
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | |
|--|-----------------------|----------|------------|-----------|--------|
| | | | TERM | COLLECTED | LAB NO |
| 3102 LM2 N. WBSP GATE 0.5 MILES N | GROSS BETA | +0.1938 | +0.0210 | 08/17/93 | 304613 |
| | | +0.1068 | +0.0125 | 09/14/93 | 305187 |
| | | +0.1409 | +0.0158 | 10/12/93 | 305694 |
| | | +0.1788 | +0.0195 | 11/08/93 | 306331 |
| | | +0.2087 | +0.0224 | 12/07/93 | 306853 |
| 3106 PM2 SPRING CITY 7.0 MILES NW | GROSS BETA | +0.0541 | +0.0071 | 01/05/93 | 300199 |
| | | +0.0576 | +0.0075 | 02/02/93 | 300731 |
| | | +0.0567 | +0.0074 | 03/02/93 | 301273 |
| | | +0.1285 | +0.0144 | 03/30/93 | 301825 |
| | | +0.1407 | +0.0157 | 04/27/93 | 302414 |
| | | +0.1532 | +0.0169 | 05/25/93 | 302967 |
| | | +0.1200 | +0.0136 | 06/22/93 | 303565 |
| | | +0.0693 | +0.0087 | 07/20/93 | 304109 |
| | | +0.0766 | +0.0094 | 08/17/93 | 304616 |
| | | +0.0703 | +0.0087 | 09/14/93 | 305190 |
| | | +0.0816 | +0.0099 | 10/12/93 | 305697 |
| | | +0.0807 | +0.0097 | 11/08/93 | 306334 |
| | | +0.1545 | +0.0171 | 12/07/93 | 306856 |
| 3107 PM3 CEDINE BIBLE CAMP 11.5 M. NNE | GROSS BETA | +0.0525 | +0.0070 | 01/05/93 | 300202 |
| | | +0.0565 | +0.0074 | 02/02/93 | 300734 |
| | | +0.0732 | +0.0090 | 03/02/93 | 301276 |
| | | +0.0784 | +0.0095 | 03/30/93 | 301828 |
| | | +0.1521 | +0.0169 | 04/27/93 | 302417 |
| | | +0.2485 | +0.0265 | 05/25/93 | 302970 |
| | | +0.1598 | +0.0177 | 06/22/93 | 303568 |
| | | +0.1262 | +0.0144 | 07/20/93 | 304112 |
| | | +0.1865 | +0.0205 | 08/17/93 | 304619 |
| | | +0.0957 | +0.0114 | 09/14/93 | 305193 |
| | | +0.0921 | +0.0109 | 10/12/93 | 305700 |
| | | +0.1133 | +0.0129 | 11/08/93 | 306337 |
| | | +0.1311 | +0.0147 | 12/07/93 | 306859 |
| 3108 PM-4 TEN MILE 7.8 M. NE/ENE | GROSS BETA | +0.0476 | +0.0065 | 01/05/93 | 300205 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN GUM PAPER
 MCI/KM2 - 37000000.00 BQ/KM2
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO | | |
|-------------------------------------|-----------------------|----------------------------------|------------|-----------|---------|----------|--------|
| | | | TERM | COLLECTED | | | |
| 3108 PM-4 TEN MILE 7.8 M. NE/ENE | GROSS BETA | +0.0544 | +0.0072 | 02/03/93 | 300737 | | |
| | | +0.0726 | +0.0089 | 03/02/93 | 301279 | | |
| | | +0.0810 | +0.0098 | 03/31/93 | 301831 | | |
| | | +0.0975 | +0.0114 | 04/27/93 | 302420 | | |
| | | +0.1529 | +0.0169 | 05/25/93 | 302973 | | |
| | | +0.0914 | +0.0108 | 06/23/93 | 303571 | | |
| | | +0.0727 | +0.0090 | 07/20/93 | 304115 | | |
| | | +0.0922 | +0.0109 | 08/18/93 | 304622 | | |
| | | +0.0511 | +0.0069 | 09/14/93 | 305196 | | |
| | | +0.0826 | +0.0100 | 10/13/93 | 305703 | | |
| | | +0.0895 | +0.0106 | 11/09/93 | 306340 | | |
| | | +0.1293 | +0.0145 | 12/08/93 | 306862 | | |
| | | 3109 PM5 DECATUR 6.25 MILES S | GROSS BETA | +0.0529 | +0.0070 | 01/06/93 | 300208 |
| | | | | +0.0577 | +0.0075 | 02/03/93 | 300740 |
| +0.0806 | +0.0097 | | | 03/03/93 | 301282 | | |
| +0.1184 | +0.0134 | | | 03/31/93 | 301834 | | |
| +0.1152 | +0.0131 | | | 04/27/93 | 302423 | | |
| +0.1670 | +0.0183 | | | 05/26/93 | 302976 | | |
| +0.0626 | +0.0080 | | | 06/23/93 | 303574 | | |
| +0.0720 | +0.0089 | | | 07/20/93 | 304118 | | |
| +0.0945 | +0.0111 | | | 08/18/93 | 304625 | | |
| +0.0639 | +0.0081 | | | 09/14/93 | 305199 | | |
| +0.0626 | +0.0080 | | | 10/13/93 | 305706 | | |
| +0.0765 | +0.0093 | | | 11/09/93 | 306343 | | |
| +0.1054 | +0.0122 | | | 12/08/93 | 306865 | | |
| 3203 LM-3 WB 2.1 MILES NNE | GROSS BETA | | | +0.0484 | +0.0066 | 01/05/93 | 300221 |
| | | +0.0446 | +0.0063 | 02/02/93 | 300754 | | |
| | | +0.0578 | +0.0075 | 03/02/93 | 301297 | | |
| | | +0.1156 | +0.0132 | 03/30/93 | 301847 | | |
| | | +0.1255 | +0.0142 | 04/27/93 | 302450 | | |
| | | +0.1626 | +0.0178 | 05/25/93 | 302992 | | |
| | | +0.0984 | +0.0115 | 06/22/93 | 303588 | | |
| | | +0.0822 | +0.0099 | 07/20/93 | 304132 | | |
| | | +0.1317 | +0.0148 | 08/17/93 | 304643 | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
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 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN GUM PAPER
 MCI/KM2 - 37000000.00 BQ/KM2
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | |
|---|-----------------------|----------|------------|------------------|--------|
| | | | TERM | COLLECTED LAB NO | |
| 3203 LM-3 WB 2.1 MILES NNE | GROSS BETA | +0.0588 | +0.0076 | 09/14/93 | 305214 |
| | | +0.0842 | +0.0101 | 10/12/93 | 305720 |
| | | +0.1206 | +0.0137 | 11/08/93 | 306360 |
| | | +0.1300 | +0.0146 | 12/08/93 | 306879 |
| 3204 LM-4 WB 0.9 MILES SE | GROSS BETA | +0.1252 | +0.0141 | 01/05/93 | 300224 |
| | | +0.0548 | +0.0072 | 02/02/93 | 300757 |
| | | +0.0948 | +0.0111 | 03/02/93 | 301300 |
| | | +0.1117 | +0.0128 | 03/30/93 | 301850 |
| | | +0.1262 | +0.0142 | 04/27/93 | 302453 |
| | | +0.1815 | +0.0197 | 05/25/93 | 302995 |
| | | +0.0944 | +0.0111 | 06/22/93 | 303591 |
| | | +0.0963 | +0.0114 | 07/20/93 | 304135 |
| | | +0.1406 | +0.0157 | 08/17/93 | 304646 |
| | | +0.0648 | +0.0082 | 09/14/93 | 305217 |
| | | +0.0908 | +0.0108 | 10/12/93 | 305723 |
| | | +0.0917 | +0.0108 | 11/08/93 | 306363 |
| | | +0.1335 | +0.0149 | 12/07/93 | 306882 |
| 3205 RM-3 WB 15 MILES NNW | GROSS BETA | +0.0524 | +0.0070 | 01/05/93 | 300227 |
| | | +0.0637 | +0.0081 | 02/02/93 | 300760 |
| | | +0.1225 | +0.0139 | 03/02/93 | 301303 |
| | | +0.1403 | +0.0157 | 03/30/93 | 301853 |
| | | +0.1513 | +0.0167 | 04/27/93 | 302456 |
| | | +0.2244 | +0.0240 | 05/25/93 | 302998 |
| | | +0.1230 | +0.0140 | 06/22/93 | 303594 |
| | | +0.1383 | +0.0155 | 07/20/93 | 304138 |
| | | +0.1022 | +0.0119 | 08/17/93 | 304649 |
| | | +0.0989 | +0.0116 | 09/14/93 | 305220 |
| | | +0.0987 | +0.0115 | 10/12/93 | 305726 |
| | | +0.1132 | +0.0129 | 11/08/93 | 306366 |
| | | +0.2093 | +0.0225 | 12/07/93 | 306885 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN RAINWATER
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | |
|--|-----------------------|----------------------|-------------------|------------------|
| | | | TERM | COLLECTED LAB NO |
| 2116 RM-2 DAYTON TN 17.75 MILES NNE | GAMMA SCAN (GELI) | | | |
| | | NO ACTIVITY DETECTED | 11/30/93 | 306720 |
| | AC-228 | +8.4013 | +4.3866 01/26/93 | 300571 |
| | | +2.3116 | +4.0822 03/23/93 | 301683 |
| | | +2.0511 | +4.0115 06/15/93 | 303424 |
| | | +6.8924 | +5.5971 08/10/93 | 304483 |
| | | +0.4896 | +3.3765 09/07/93 | 305040 |
| | BE-7 | +34.2310 | +8.9499 12/28/92 | 300063 |
| | | +45.6390 | +13.1460 01/26/93 | 300571 |
| | | +54.1470 | +8.4657 02/23/93 | 301131 |
| | | +64.6590 | +11.9770 03/23/93 | 301683 |
| | | +41.0030 | +10.2920 04/20/93 | 302208 |
| | | +83.2880 | +10.5670 05/18/93 | 302814 |
| | | +46.3520 | +11.7310 06/15/93 | 303424 |
| | | +50.8790 | +9.9837 07/13/93 | 303948 |
| | | +34.4680 | +7.5808 08/10/93 | 304483 |
| | | +63.1530 | +9.4693 09/07/93 | 305040 |
| | | +43.4470 | +7.9102 10/05/93 | 305562 |
| | | +53.6290 | +9.5743 11/02/93 | 306083 |
| | BI-212 | +28.0490 | +9.4516 04/20/93 | 302208 |
| | BI-214 | +10.4370 | +3.8422 12/28/92 | 300063 |
| | | +8.2252 | +3.1986 01/26/93 | 300571 |
| | | +4.0207 | +2.4580 02/23/93 | 301131 |
| | | +10.2700 | +3.9505 03/23/93 | 301683 |
| | | +7.9535 | +3.1599 04/20/93 | 302208 |
| | | +0.9883 | +1.9743 05/18/93 | 302814 |
| | | +7.9837 | +3.0998 06/15/93 | 303424 |
| | | +2.1890 | +2.8249 08/10/93 | 304483 |
| | | +0.3180 | +2.5235 10/05/93 | 305562 |
| | K-40 | +14.6970 | +19.5570 01/26/93 | 300571 |
| | | +16.8080 | +22.8310 04/20/93 | 302208 |
| | | +13.3540 | +20.2790 08/10/93 | 304483 |
| | | +3.5112 | +22.8990 09/07/93 | 305040 |
| | | +22.4130 | +18.8640 10/05/93 | 305562 |
| | | +11.2150 | +23.5360 11/02/93 | 306083 |
| | PB-212 | +2.4308 | +2.3064 04/20/93 | 302208 |
| | | +1.4978 | +1.6874 06/15/93 | 303424 |
| | | +2.6913 | +2.3652 08/10/93 | 304483 |
| | | +0.9249 | +2.3907 11/02/93 | 306083 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN RAINWATER
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR TERM | DATE COLLECTED | LAB NO | |
|--|-----------------------------|----------|---------------|-------------------|----------|--------|
| 2116 RM-2 DAYTON TN 17.75 MILES NNE | GAMMA SCAN (GELI) PB-214 | +13.2760 | +5.0066 | 12/28/92 | 300063 | |
| | | +7.8923 | +3.2589 | 01/26/93 | 300571 | |
| | | +2.3925 | +2.8199 | 02/23/93 | 301131 | |
| | | +7.7448 | +3.4098 | 03/23/93 | 301683 | |
| | | +5.6045 | +2.1355 | 04/20/93 | 302208 | |
| | | +5.8490 | +3.2862 | 05/18/93 | 302814 | |
| | | +2.6605 | +2.0559 | 06/15/93 | 303424 | |
| | | TL-208 | +0.3161 | +0.9902 | 01/26/93 | 300571 |
| | | | +0.8087 | +1.1050 | 02/23/93 | 301131 |
| | | | +1.0100 | +1.1018 | 03/23/93 | 301683 |
| | | | +0.1261 | +1.1980 | 04/20/93 | 302208 |
| | | | +1.4571 | +1.3346 | 06/15/93 | 303424 |
| | | | +1.6390 | +1.1699 | 09/07/93 | 305040 |
| | | | +0.7091 | +1.0983 | 10/05/93 | 305562 |
| | SR 89 | | +0.4600 | +0.7540 | 12/28/92 | 300063 |
| | | +0.0876 | +0.7590 | 01/26/93 | 300571 | |
| | | +0.3570 | +0.7840 | 02/23/93 | 301131 | |
| | | -0.4059 | +0.9460 | 03/23/93 | 301683 | |
| | | +0.4310 | +1.0900 | 04/20/93 | 302208 | |
| | | +1.7700 | +0.8670 | 05/18/93 | 302814 | |
| | | -0.2919 | +1.7600 | 06/15/93 | 303424 | |
| | | +0.4910 | +1.3800 | 07/13/93 | 303948 | |
| | | -0.4729 | +1.0300 | 08/10/93 | 304483 | |
| | | +0.6690 | +1.2300 | 09/07/93 | 305040 | |
| | SR 90 | +0.2040 | +0.9100 | 10/05/93 | 305562 | |
| | | +0.3980 | +1.1300 | 11/02/93 | 306083 | |
| | | +1.1100 | +1.3000 | 11/30/93 | 306720 | |
| | | -0.3779 | +0.4770 | 12/28/92 | 300063 | |
| | | -0.2539 | +0.4810 | 01/26/93 | 300571 | |
| | | -0.4149 | +0.5420 | 02/23/93 | 301131 | |
| | | +0.0282 | +0.5280 | 03/23/93 | 301683 | |
| | | -0.3699 | +0.6230 | 04/20/93 | 302208 | |
| -1.2599 | | +0.5720 | 05/18/93 | 302814 | | |
| +0.2960 | | +0.6780 | 06/15/93 | 303424 | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN RAINWATER
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | |
|--|-----------------------|-------------------------|--------------------------|-------------------------|
| | | | TERM | COLLECTED LAB NO |
| 2116 RM-2 DAYTON TN 17.75 MILES NNE | SR 90 | -0.2739 | +0.5740 | 07/13/93 303948 |
| | | +0.1000 | +0.5930 | 08/10/93 304483 |
| | | -0.4259 | +0.5270 | 09/07/93 305040 |
| | | -0.2849 | +0.5670 | 10/05/93 305562 |
| | | -0.2789 | +0.5860 | 11/02/93 306083 |
| | | -0.5899 | +0.7400 | 11/30/93 306720 |
| | | | | |
| 3101 LM1 ENV DATA STA 0.5 MILES SSW | GAMMA SCAN (GELI) | NO ACTIVITY DETECTED | | 02/23/93 301154 |
| | | NO ACTIVITY DETECTED | | 08/10/93 304506 |
| | | NO ACTIVITY DETECTED | | 09/07/93 305063 |
| | | NO ACTIVITY DETECTED | | 10/05/93 305585 |
| | AC-228 | +1.6326 | +3.9771 | 11/02/93 306121 |
| | | BE-7 | +35.4040 | +9.4507 12/28/92 300086 |
| | | +34.6130 | +10.8660 04/20/93 302231 | |
| | | +63.3690 | +13.9370 06/15/93 303447 | |
| | | +62.3020 | +9.0750 07/13/93 303971 | |
| | | +34.6260 | +7.7217 11/02/93 306121 | |
| | | +34.6260 | +6.6494 12/01/93 306743 | |
| | B1-214 | +2.3921 | +2.9164 12/28/92 300086 | |
| | | +7.4322 | +2.9773 01/26/93 300594 | |
| | | +3.2800 | +2.6003 03/23/93 301706 | |
| | | +1.3689 | +2.9619 04/20/93 302231 | |
| | | +7.8434 | +4.1504 05/18/93 302837 | |
| | | +1.1841 | +4.3530 06/15/93 303447 | |
| | | +0.6225 | +3.1841 07/13/93 303971 | |
| | K-40 | +4.5543 | +17.6230 01/26/93 300594 | |
| | | +12.6090 | +18.3260 03/23/93 301706 | |
| | | +1.4660 | +16.4320 04/20/93 302231 | |
| | PB-214 | +1.8731 | +2.8254 12/28/92 300086 | |
| | | +14.7480 | +3.2009 05/18/93 302837 | |
| TL-208 | +2.5387 | +2.2480 06/15/93 303447 | | |
| SR 89 | | -0.2819 | +0.9560 12/28/92 300086 | |
| | | +0.1190 | +0.7460 01/26/93 300594 | |
| | | +0.7700 | +0.8090 02/23/93 301154 | |
| | | -1.5599 | +1.0900 03/23/93 301706 | |
| | | | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN RAINWATER
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR TERM | DATE COLLECTED | LAB NO | | |
|--|--------------------------------------|---|------------|----------------|----------|----------|--------|
| 3101 LM1 ENV DATA STA 0.5 MILES SSW | SR 89 | -1.4099 | +0.9360 | 04/20/93 | 302231 | | |
| | | +1.2300 | +0.7910 | 05/18/93 | 302837 | | |
| | | +1.7800 | +1.6000 | 06/15/93 | 303447 | | |
| | | +0.8340 | +1.3500 | 07/13/93 | 303971 | | |
| | | -0.4209 | +1.0100 | 08/10/93 | 304506 | | |
| | | +0.0863 | +1.3700 | 09/07/93 | 305063 | | |
| | | -0.1339 | +1.0000 | 10/05/93 | 305585 | | |
| | | -0.8449 | +1.0900 | 11/02/93 | 306121 | | |
| | | -0.5759 | +1.0400 | 12/01/93 | 306743 | | |
| | | SR 90 | +0.1270 | +0.5090 | 12/28/92 | 300086 | |
| | | | -0.1289 | +0.4740 | 01/26/93 | 300594 | |
| | | | -0.8499 | +0.5510 | 02/23/93 | 301154 | |
| | | | +0.6700 | +0.6130 | 03/23/93 | 301706 | |
| | | | +0.6640 | +0.5550 | 04/20/93 | 302231 | |
| | | | -0.6499 | +0.5320 | 05/18/93 | 302837 | |
| | -0.4669 | | +0.5920 | 06/15/93 | 303447 | | |
| | -0.4779 | | +0.5590 | 07/13/93 | 303971 | | |
| | -0.1079 | | +0.5730 | 08/10/93 | 304506 | | |
| | -0.1339 | | +0.5880 | 09/07/93 | 305063 | | |
| | -0.1999 | | +0.6210 | 10/05/93 | 305585 | | |
| | +0.2430 | | +0.5760 | 11/02/93 | 306121 | | |
| | +0.3410 | +0.6090 | 12/01/93 | 306743 | | | |
| | 3102 LM2 N. WBSP GATE 0.5 MILES N | GAMMA SCAN (GELI) NO ACTIVITY DETECTED | | | 10/05/93 | 305589 | |
| | | | AC-228 | +6.3200 | +4.8867 | 07/13/93 | 303975 |
| | | | BE-7 | +47.8350 | +8.0273 | 12/28/92 | 300090 |
| | | | | +53.1780 | +11.1420 | 03/23/93 | 301710 |
| | | | | +60.9460 | +9.2064 | 07/13/93 | 303975 |
| +29.8920 | | | | +6.3016 | 08/10/93 | 304510 | |
| BI-214 | | | | +11.1200 | +3.1101 | 12/28/92 | 300090 |
| | | | +13.1870 | +4.8141 | 01/26/93 | 300598 | |
| | | | +1.7584 | +2.7498 | 02/23/93 | 301159 | |
| | | | +1.5703 | +3.7826 | 03/23/93 | 301710 | |
| | | | +1.6718 | +3.8613 | 04/20/93 | 302235 | |
| K-40 | | | +5.0469 | +13.6120 | 05/18/93 | 302841 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN RAINWATER
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|-----------------------------------|---------------------------|----------|------------|------------------|----------|--------|
| | | | TERM | COLLECTED LAB NO | | |
| 3102 LM2 N. WBSP GATE 0.5 MILES N | GAMMA SCAN (GELI) K-40 | +0.9771 | +13.9850 | 06/15/93 | 303451 | |
| | | +17.0870 | +16.3000 | 09/07/93 | 305067 | |
| | PB-212 | +0.7584 | +2.4618 | 08/10/93 | 304510 | |
| | | +0.1975 | +2.1384 | 09/07/93 | 305067 | |
| | | +0.4906 | +1.4549 | 11/03/93 | 306125 | |
| | PB-214 | +0.8591 | +1.8775 | 12/01/93 | 306748 | |
| | | +4.8423 | +3.1020 | 12/28/92 | 300090 | |
| | | +6.2038 | +3.2995 | 01/26/93 | 300598 | |
| | TL-208 | +3.0704 | +3.3189 | 04/20/93 | 302235 | |
| | | +0.1813 | +0.9806 | 05/18/93 | 302841 | |
| | | +2.0076 | +1.3634 | 06/15/93 | 303451 | |
| | SR 89 | | +1.3500 | +0.8310 | 12/28/92 | 300090 |
| | | | +1.0800 | +0.8210 | 01/26/93 | 300598 |
| | | | -0.5689 | +0.8200 | 02/23/93 | 301159 |
| | | | +0.0618 | +0.9940 | 03/23/93 | 301710 |
| | | | -0.1349 | +1.0600 | 04/20/93 | 302235 |
| | | | -0.6809 | +0.7720 | 05/18/93 | 302841 |
| | | | +0.1480 | +1.4300 | 06/15/93 | 303451 |
| | | | -1.4399 | +1.3100 | 07/13/93 | 303975 |
| | | | -0.3739 | +0.9930 | 08/10/93 | 304510 |
| | | | -1.8199 | +1.3100 | 09/07/93 | 305067 |
| | | | -0.7389 | +0.9590 | 10/05/93 | 305589 |
| | | | -1.4499 | +1.1000 | 11/03/93 | 306125 |
| | | | -0.1349 | +1.1100 | 12/01/93 | 306748 |
| | SR 90 | | -0.5629 | +0.5210 | 12/28/92 | 300090 |
| | | | -0.6289 | +0.5100 | 01/26/93 | 300598 |
| | | +0.1130 | +0.5710 | 02/23/93 | 301159 | |
| | | +0.0055 | +0.5510 | 03/23/93 | 301710 | |
| | | +0.0238 | +0.6110 | 04/20/93 | 302235 | |
| | | +0.1220 | +0.5300 | 05/18/93 | 302841 | |
| | | -0.1549 | +0.5480 | 06/15/93 | 303451 | |
| | | +0.4380 | +0.5560 | 07/13/93 | 303975 | |
| | | +0.3290 | +0.5680 | 08/10/93 | 304510 | |
| | | +0.5000 | +0.5720 | 09/07/93 | 305067 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN RAINWATER
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|--|-----------------------|----------------------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | |
| 3102 LM2 N. WBSP GATE 0.5 MILES N | SR 90 | +0.2200 | +0.6030 | 10/05/93 | 305589 | |
| | | +0.7110 | +0.5890 | 11/03/93 | 306125 | |
| | | -0.1669 | +0.6390 | 12/01/93 | 306748 | |
| 3106 PM2 SPRING CITY 7.0 MILES NW | GAMMA SCAN (GELI) | NO ACTIVITY DETECTED | | 09/07/93 | 305070 | |
| | | NO ACTIVITY DETECTED | | 11/02/93 | 306128 | |
| | | NO ACTIVITY DETECTED | | 11/30/93 | 306751 | |
| | BE-7 | +29.9210 | +8.2339 | 12/28/92 | 300093 | |
| | | +31.4310 | +7.0100 | 01/26/93 | 300601 | |
| | | +38.9250 | +7.0135 | 02/23/93 | 301162 | |
| | | +33.2820 | +7.0357 | 03/23/93 | 301713 | |
| | | +46.0450 | +9.9035 | 04/20/93 | 302238 | |
| | | +51.5020 | +10.1700 | 05/18/93 | 302844 | |
| | | +52.6630 | +15.5710 | 06/15/93 | 303454 | |
| | | +57.4000 | +13.1190 | 07/13/93 | 303978 | |
| | | +46.9370 | +8.1907 | 10/05/93 | 305592 | |
| | | B1-214 | +5.7888 | +3.1971 | 12/28/92 | 300093 |
| | +4.4716 | | +3.7421 | 01/26/93 | 300601 | |
| | +4.7094 | | +2.4358 | 02/23/93 | 301162 | |
| | +1.2840 | | +2.6524 | 04/20/93 | 302238 | |
| | +3.7072 | | +2.6689 | 05/18/93 | 302844 | |
| | +2.2333 | | +2.5982 | 06/15/93 | 303454 | |
| | +0.5918 | | +1.8992 | 08/10/93 | 304513 | |
| | +1.4117 | | +16.0370 | 07/13/93 | 303978 | |
| | K-40 | | +0.7157 | +1.6784 | 12/28/92 | 300093 |
| | | | +0.7170 | +1.7067 | 06/15/93 | 303454 |
| | PB-212 | +11.6630 | +4.6311 | 12/28/92 | 300093 | |
| | | +4.4697 | +2.8647 | 01/26/93 | 300601 | |
| | | +6.1581 | +2.2075 | 02/23/93 | 301162 | |
| | PB-214 | +4.7699 | +2.9023 | 04/20/93 | 302238 | |
| | | SR 89 | +0.4020 | +0.8360 | 12/28/92 | 300093 |
| +0.6480 | | | +0.8000 | 01/26/93 | 300601 | |
| -0.7269 | +0.7850 | | 02/23/93 | 301162 | | |
| -0.4469 | +0.9840 | | 03/23/93 | 301713 | | |
| -0.1269 | +1.0600 | | 04/20/93 | 302238 | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN RAINWATER
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO | | |
|-----------------------------------|--|---|------------|-----------|----------|----------|--------|
| | | | TERM | COLLECTED | | | |
| 3106 PM2 SPRING CITY 7.0 MILES NW | SR 89 | -0.2389 | +0.8170 | 05/18/93 | 302844 | | |
| | | -0.4279 | +1.3200 | 06/15/93 | 303454 | | |
| | | -0.7669 | +1.3700 | 07/13/93 | 303978 | | |
| | | +1.1400 | +1.1000 | 08/10/93 | 304513 | | |
| | | +0.6590 | +1.4600 | 09/07/93 | 305070 | | |
| | | -0.4119 | +0.9600 | 10/05/93 | 305592 | | |
| | | +1.0200 | +1.1400 | 11/02/93 | 306128 | | |
| | | -0.6189 | +1.1100 | 11/30/93 | 306751 | | |
| | | SR 90 | -0.2379 | +0.5260 | 12/28/92 | 300093 | |
| | | | -0.5919 | +0.4950 | 01/26/93 | 300601 | |
| | | | +0.3490 | +0.5500 | 02/23/93 | 301162 | |
| | | | +0.1240 | +0.5450 | 03/23/93 | 301713 | |
| | | | -0.0852 | +0.6080 | 04/20/93 | 302238 | |
| | | | +0.0405 | +0.5560 | 05/18/93 | 302844 | |
| | +0.0952 | | +0.5100 | 06/15/93 | 303454 | | |
| | +0.1570 | | +0.5740 | 07/13/93 | 303978 | | |
| | -0.3539 | | +0.6230 | 08/10/93 | 304513 | | |
| | -0.2839 | | +0.6200 | 09/07/93 | 305070 | | |
| | -0.0033 | | +0.5970 | 10/05/93 | 305592 | | |
| | -0.4979 | | +0.5850 | 11/02/93 | 306128 | | |
| | +0.3930 | | +0.6390 | 11/30/93 | 306751 | | |
| | 3107 PM3 CEDINE BIBLE CAMP 11.5 M. NNE | GAMMA SCAN (GELI) NO ACTIVITY DETECTED | | | 09/07/93 | 305073 | |
| | | | BE-7 | +45.0110 | +9.9692 | 02/23/93 | 301165 |
| | | | | +34.9190 | +7.4457 | 03/23/93 | 301716 |
| | | | | +42.4140 | +10.9780 | 04/20/93 | 302241 |
| | | | | +57.7420 | +10.8950 | 06/15/93 | 303457 |
| | | | | +46.7860 | +11.3350 | 07/13/93 | 303982 |
| +19.1830 | | | | +4.7371 | 08/10/93 | 304516 | |
| +67.8550 | | | | +15.5780 | 10/05/93 | 305595 | |
| +51.5690 | | | | +9.1771 | 11/02/93 | 306131 | |
| B1-214 | | | | +45.5570 | +8.2424 | 11/30/93 | 306754 |
| | | | | +7.6052 | +2.8424 | 01/26/93 | 300604 |
| | | | | +5.0546 | +3.4166 | 02/23/93 | 301165 |
| | | | | +3.9848 | +3.0416 | 03/23/93 | 301716 |
| | | | | | | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN RAINWATER
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|---|-----------------------------|----------------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | |
| 3107 PM3 CEDINE BIBLE CAMP 11.5 M. NNE | GAMMA SCAN (GELI) BI-214 | +8.7597 | +2.6129 | 04/20/93 | 302241 | |
| | | +15.5120 | +3.6741 | 05/18/93 | 302847 | |
| | | +3.5082 | +3.6794 | 06/15/93 | 303457 | |
| | | +0.2806 | +8.9765 | 10/05/93 | 305595 | |
| | | K-40 PB-212 | +9.0506 | +19.8630 | 10/05/93 | 305595 |
| | | | +0.0624 | +1.9857 | 12/28/92 | 300096 |
| | | | +0.2048 | +1.6903 | 03/23/93 | 301716 |
| | | PB-214 | +0.3579 | +2.0886 | 04/20/93 | 302241 |
| | | | +2.4567 | +1.6973 | 05/18/93 | 302847 |
| | | | +0.4982 | +1.1968 | 11/30/93 | 306754 |
| | | | +8.8219 | +2.4296 | 01/26/93 | 300604 |
| | | | +0.2579 | +1.9916 | 03/23/93 | 301716 |
| | | | +4.7434 | +2.6451 | 04/20/93 | 302241 |
| | +7.1580 | | +3.5516 | 05/18/93 | 302847 | |
| | +1.0457 | | +2.6473 | 06/15/93 | 303457 | |
| | +13.4170 | | +3.9455 | 08/10/93 | 304516 | |
| | SR 89 | | -0.4199 | +1.0500 | 12/28/92 | 300096 |
| | | -0.0992 | +0.7680 | 01/26/93 | 300604 | |
| | | +0.8250 | +0.8500 | 02/23/93 | 301165 | |
| | | -0.4609 | +0.9140 | 03/23/93 | 301716 | |
| | | -0.2509 | +0.9980 | 04/20/93 | 302241 | |
| | | -0.4849 | +0.7330 | 05/18/93 | 302847 | |
| | | +0.4300 | +1.5000 | 06/15/93 | 303457 | |
| | | +1.0800 | +1.3100 | 07/13/93 | 303982 | |
| | | +1.0000 | +1.0600 | 08/10/93 | 304516 | |
| | | -1.6599 | +1.2400 | 09/07/93 | 305073 | |
| | | -0.6419 | +0.9210 | 10/05/93 | 305595 | |
| | | -1.6599 | +1.2400 | 11/02/93 | 306131 | |
| | | -1.5699 | +1.2200 | 11/30/93 | 306754 | |
| | SR 90 | -0.0014 | +0.5530 | 12/28/92 | 300096 | |
| | | -0.0998 | +0.4840 | 01/26/93 | 300604 | |
| | | -0.6589 | +0.5750 | 02/23/93 | 301165 | |
| | | +0.1170 | +0.5260 | 03/23/93 | 301716 | |
| | | +0.0109 | +0.5720 | 04/20/93 | 302241 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN RAINWATER
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | | | |
|-----------------------------------|--------------------|-------------------|--------------------|------------------|-------------------|----------------------|---------|------------------|
| | | | TERM COLLECTED | LAB NO | | | | |
| 3107 PM3 CEDINE BIBLE | CAMP 11.5 M. NNE | SR 90 | +0.1300 | +0.5020 05/18/93 | 302847 | | | |
| | | | -0.3879 | +0.5680 06/15/93 | 303457 | | | |
| | | | -0.8089 | +0.5300 07/13/93 | 303982 | | | |
| | | | -0.4259 | +0.5990 08/10/93 | 304516 | | | |
| | | | +0.5030 | +0.5390 09/07/93 | 305073 | | | |
| | | | +0.1130 | +0.5750 10/05/93 | 305595 | | | |
| | | | +0.4020 | +0.6630 11/02/93 | 306131 | | | |
| | | | +0.7350 | +0.7010 11/30/93 | 306754 | | | |
| | | | 3108 PM-4 TEN MILE | 7.8 M. NE/ENE | GAMMA SCAN (GELI) | NO ACTIVITY DETECTED | | |
| | | | | | | AC-228 | +3.7178 | +3.9712 08/10/93 |
| BE-7 | +42.7190 | +9.7063 02/23/93 | | | | 301168 | | |
| | +88.2150 | +18.4520 03/23/93 | | | | 301719 | | |
| | +58.8620 | +14.1450 05/18/93 | | | | 302851 | | |
| | +52.0720 | +9.1646 06/15/93 | | | | 303460 | | |
| | +54.5500 | +11.6570 07/13/93 | | | | 303985 | | |
| | +41.6090 | +8.9357 08/10/93 | | | | 304520 | | |
| | +32.5740 | +5.7891 09/07/93 | | | | 305077 | | |
| | +44.8130 | +10.3350 10/05/93 | | | | 305598 | | |
| | +50.0310 | +10.4040 11/03/93 | | | | 306134 | | |
| BI-214 | +0.3381 | +2.8861 12/28/92 | | | | 300100 | | |
| | +14.9810 | +4.1962 01/26/93 | | | | 300607 | | |
| | +4.8882 | +3.3860 02/23/93 | | | | 301168 | | |
| | +3.7023 | +3.0453 03/23/93 | | | | 301719 | | |
| | +6.2528 | +3.1401 04/20/93 | | | | 302244 | | |
| | +0.2091 | +2.7999 05/18/93 | | | | 302851 | | |
| | +3.1016 | +3.0751 06/15/93 | | | | 303460 | | |
| | +1.2263 | +2.6723 07/13/93 | | | | 303985 | | |
| K-40 | +23.8020 | +20.7930 09/07/93 | | | | 305077 | | |
| | +12.5790 | +17.0190 10/05/93 | | | | 305598 | | |
| | +4.1417 | +11.8490 11/03/93 | | | | 306134 | | |
| PB-212 | +1.4769 | +1.8643 05/18/93 | | | | 302851 | | |
| | +1.1633 | +1.2481 06/15/93 | | | | 303460 | | |
| | +0.4447 | +1.5956 07/13/93 | | | | 303985 | | |
| | +0.3591 | +2.3055 08/10/93 | | | | 304520 | | |
| PB-214 | +0.2983 | +1.9065 09/07/93 | | | | 305077 | | |
| | +6.1159 | +3.9779 01/26/93 | | | | 300607 | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN RAINWATER
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO | | |
|-------------------------------------|-----------------------------|----------|---------------------------|-----------|----------|-----------------|--------|
| | | | TERM | COLLECTED | | | |
| 3108 PM-4 TEN MILE 7.8 M. NE/ENE | GAMMA SCAN (GELI) PB-214 | +0.9636 | +3.0026 | 03/23/93 | 301719 | | |
| | | +2.7506 | +4.0795 | 04/20/93 | 302244 | | |
| | | +0.9603 | +2.8812 | 06/15/93 | 303460 | | |
| | TL-208 | +1.9608 | +1.3441 | 05/18/93 | 302851 | | |
| | | +1.3757 | +1.4091 | 09/07/93 | 305077 | | |
| | | | | | | | |
| | SR 89 | | -1.2799 | +0.9380 | 12/28/92 | 300100 | |
| | | | -0.1419 | +0.7190 | 01/26/93 | 300607 | |
| | | | +0.0925 | +0.7510 | 02/23/93 | 301168 | |
| | | | -0.8229 | +1.0800 | 03/23/93 | 301719 | |
| | | | +0.0106 | +0.9200 | 04/20/93 | 302244 | |
| | | | +2.8700 | +0.8560 | 05/18/93 | 302851 | |
| | | | +1.3400 | +1.3700 | 06/15/93 | 303460 | |
| | | | +1.1900 | +1.3000 | 07/13/93 | 303985 | |
| | | | -0.6419 | +0.9720 | 08/10/93 | 304520 | |
| | | | +1.0100 | +1.3800 | 09/07/93 | 305077 | |
| | | | -1.5099 | +1.0100 | 10/05/93 | 305598 | |
| | | | -1.2799 | +1.2600 | 11/03/93 | 306134 | |
| | | | +0.7520 | +1.2300 | 12/01/93 | 306757 | |
| | | SR 90 | | +0.3230 | +0.4990 | 12/28/92 | 300100 |
| | | | | -0.1589 | +0.4690 | 01/26/93 | 300607 |
| | | | +0.5430 | +0.5490 | 02/23/93 | 301168 | |
| | | | +0.3690 | +0.6190 | 03/23/93 | 301719 | |
| | | | +0.1270 | +0.5380 | 04/20/93 | 302244 | |
| | | | -1.3899 | +0.5790 | 05/18/93 | 302851 | |
| | | | -0.5429 | +0.5350 | 06/15/93 | 303460 | |
| | | | -0.4319 | +0.5530 | 07/13/93 | 303985 | |
| | +0.3070 | | +0.5610 | 08/10/93 | 304520 | | |
| | -0.5319 | | +0.5990 | 09/07/93 | 305077 | | |
| | +0.9030 | | +0.6410 | 10/05/93 | 305598 | | |
| | +0.7080 | | +0.6640 | 11/03/93 | 306134 | | |
| | -0.6529 | | +0.7120 | 12/01/93 | 306757 | | |
| 3109 PM5 DECATUR | 6.25 MILES S | | GAMMA SCAN (GELI) BE-7 | +40.5730 | +9.2402 | 12/28/92 300103 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN RAINWATER
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|-----------------------------------|---------------------------|--------------------------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | |
| 3109 PMS DECATUR 6.25 MILES S | GAMMA SCAN (GELI) BE-7 | +48.6410 | +9.6986 | 02/23/93 | 301171 | |
| | | +47.0530 | +11.6970 | 03/23/93 | 301722 | |
| | | +59.5510 | +12.6490 | 04/20/93 | 302247 | |
| | | +59.2450 | +12.7740 | 05/18/93 | 302854 | |
| | | +54.3650 | +10.3910 | 06/15/93 | 303463 | |
| | | +64.6190 | +14.1170 | 07/13/93 | 303988 | |
| | | +22.2200 | +8.1603 | 08/10/93 | 304523 | |
| | | +60.2520 | +12.6790 | 09/07/93 | 305080 | |
| | | +56.0840 | +11.7550 | 10/05/93 | 305601 | |
| | | +32.4720 | +11.9140 | 11/03/93 | 306137 | |
| | BI-214 | +30.8610 | +7.2607 | 12/01/93 | 306760 | |
| | | +9.0607 | +2.8139 | 12/28/92 | 300103 | |
| | | +5.9290 | +3.0392 | 01/26/93 | 300611 | |
| | | +3.8584 | +2.3618 | 02/23/93 | 301171 | |
| | | +1.1091 | +2.7617 | 05/18/93 | 302854 | |
| | | +3.3753 | +2.4756 | 06/15/93 | 303463 | |
| | | +2.2207 | +2.5451 | 11/03/93 | 306137 | |
| | | K-40 PB-212 PB-214 | +23.9950 | +21.3130 | 11/03/93 | 306137 |
| | | | +2.5171 | +1.5712 | 02/23/93 | 301171 |
| | | | +7.5861 | +2.4176 | 12/28/92 | 300103 |
| | TL-208 SR 89 | +1.8069 | +2.3003 | 02/23/93 | 301171 | |
| | | +0.3927 | +2.2029 | 04/20/93 | 302247 | |
| | | +2.3917 | +2.6910 | 06/15/93 | 303463 | |
| | | +0.3674 | +1.0226 | 05/18/93 | 302854 | |
| | | -0.6009 | +1.0200 | 12/28/92 | 300103 | |
| | | +0.1660 | +0.8290 | 01/26/93 | 300611 | |
| | | +0.3920 | +0.8660 | 02/23/93 | 301171 | |
| | | +0.3070 | +0.9420 | 03/23/93 | 301722 | |
| | | -0.5969 | +0.9290 | 04/20/93 | 302247 | |
| | | +0.7130 | +0.8130 | 05/18/93 | 302854 | |
| | -0.0957 | +1.3500 | 06/15/93 | 303463 | | |
| | -0.4779 | +1.3600 | 07/13/93 | 303988 | | |
| -0.9549 | +1.0100 | 08/10/93 | 304523 | | | |
| -0.6659 | +1.3400 | 09/07/93 | 305080 | | | |
| +0.0847 | +0.8570 | 10/05/93 | 305601 | | | |
| -0.8569 | +1.1200 | 11/03/93 | 306137 | | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
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WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN RAINWATER
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | |
|-----------------------------------|-----------------------|-------------------|----------------------|-----------------|-----------------|
| | | | TERM COLLECTED | LAB NO | |
| 3203 LM-3 WB 2.1 MILES NNE | GAMMA SCAN (GELI) | | | | |
| | K-40 | +12.7920 | +21.2410 | 11/03/93 306154 | |
| | PB-212 | +2.9167 | +2.3507 | 12/28/92 300106 | |
| | PB-214 | +3.1009 | +2.3186 | 12/28/92 300106 | |
| | | +4.3946 | +3.1517 | 01/26/93 300614 | |
| | | +1.0467 | +2.5582 | 02/23/93 301174 | |
| | | +6.6483 | +3.2553 | 05/18/93 302858 | |
| | | +11.3380 | +3.6304 | 10/05/93 305604 | |
| | SR 89 | | | | |
| | | | +1.1700 | +1.0200 | 12/28/92 300106 |
| | | | +0.2980 | +0.8410 | 01/26/93 300614 |
| | | | +0.3920 | +0.8770 | 02/23/93 301174 |
| | | | -0.2439 | +0.9580 | 03/23/93 301725 |
| | | | +2.2400 | +1.0700 | 04/20/93 302250 |
| | | | -0.6139 | +0.7930 | 05/18/93 302858 |
| | | | -0.0014 | +1.3800 | 06/15/93 303467 |
| | | | +3.0900 | +1.4900 | 07/13/93 303991 |
| | | | -2.4099 | +1.1000 | 08/10/93 304526 |
| | | | -1.3699 | +1.2900 | 09/07/93 305083 |
| | | | +0.3190 | +0.9930 | 10/05/93 305604 |
| | | | +0.9630 | +1.0500 | 11/03/93 306154 |
| | | | +1.1200 | +1.1200 | 12/01/93 306764 |
| | SR 90 | | | | |
| | | | -0.6409 | +0.5240 | 12/28/92 300106 |
| | | | -0.1269 | +0.5410 | 01/26/93 300614 |
| | | | -0.2089 | +0.6170 | 02/23/93 301174 |
| | | | +0.3860 | +0.5510 | 03/23/93 301725 |
| | | -1.0099 | +0.5460 | 04/20/93 302250 | |
| | | +0.1680 | +0.5540 | 05/18/93 302858 | |
| | | +0.0947 | +0.5450 | 06/15/93 303467 | |
| | | -0.9889 | +0.6160 | 07/13/93 303991 | |
| | | +0.9000 | +0.4880 | 08/10/93 304526 | |
| | | +0.5200 | +0.5770 | 09/07/93 305083 | |
| | | -0.2279 | +0.6290 | 10/05/93 305604 | |
| | | -0.4709 | +0.5580 | 11/03/93 306154 | |
| | | -0.5719 | +0.6470 | 12/01/93 306764 | |
| 3204 LM-4 WB | 0.9 MILES SE | GAMMA SCAN (GELI) | | | |
| | | | NO ACTIVITY DETECTED | 08/10/93 304530 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN RAINWATER
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | |
|-----------------------------------|-----------------------|----------------------|------------|------------------|--------|
| | | | TERM | COLLECTED LAB NO | |
| 3204 LM-4 WB 0.9 MILES SE | GAMMA SCAN (GELI) | | | | |
| | | NO ACTIVITY DETECTED | 11/03/93 | 306157 | |
| | | NO ACTIVITY DETECTED | 12/01/93 | 306767 | |
| | AC-228 BE-7 | +12.6980 | +4.6389 | 02/23/93 | 301177 |
| | | +28.5550 | +8.8113 | 12/28/92 | 300109 |
| | | +36.7710 | +7.3165 | 01/26/93 | 300617 |
| | | +46.3340 | +12.5610 | 02/23/93 | 301177 |
| | | +59.3710 | +13.3250 | 03/23/93 | 301729 |
| | | +50.0900 | +8.8695 | 04/20/93 | 302253 |
| | | +27.7710 | +5.1536 | 06/15/93 | 303470 |
| | | +44.8600 | +9.7729 | 07/13/93 | 303994 |
| | | +39.2620 | +10.0350 | 09/07/93 | 305086 |
| | BI-214 | +54.0960 | +13.3160 | 10/05/93 | 305607 |
| | | +14.5840 | +10.2310 | 12/28/92 | 300109 |
| | | +19.9440 | +11.3310 | 01/26/93 | 300617 |
| | | +7.5462 | +2.7516 | 02/23/93 | 301177 |
| | | +5.5308 | +2.9339 | 04/20/93 | 302253 |
| | | +1.1360 | +2.6223 | 05/18/93 | 302861 |
| | | +0.7871 | +1.5582 | 06/15/93 | 303470 |
| | K-40 | +0.8916 | +2.2105 | 10/05/93 | 305607 |
| | | +4.6992 | +16.1540 | 01/26/93 | 300617 |
| | | +7.3167 | +18.6570 | 02/23/93 | 301177 |
| | | +10.5540 | +20.9190 | 03/23/93 | 301729 |
| | | +28.4580 | +18.3150 | 07/13/93 | 303994 |
| | | +11.4200 | +12.9280 | 10/05/93 | 305607 |
| | PB-212 | +0.2580 | +1.7354 | 02/23/93 | 301177 |
| | PB-214 | +3.2984 | +2.8636 | 12/28/92 | 300109 |
| | | +4.9623 | +2.9154 | 01/26/93 | 300617 |
| | | +5.1708 | +1.9005 | 02/23/93 | 301177 |
| | | +0.3001 | +2.4095 | 04/20/93 | 302253 |
| | | +4.3215 | +2.9589 | 05/18/93 | 302861 |
| | | +2.6144 | +1.5591 | 06/15/93 | 303470 |
| | | +1.1023 | +2.3064 | 10/05/93 | 305607 |
| TL-208 | +0.0353 | +1.3331 | 01/26/93 | 300617 | |
| | +0.0843 | +1.2358 | 02/23/93 | 301177 | |
| SR 89 | | | | | |
| | | -1.0799 | +0.9260 | 12/28/92 300109 | |
| | | -0.3039 | +0.7860 | 01/26/93 300617 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN RAINWATER
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO |
|-----------------------------------|-----------------------|----------------------|------------|-----------|--------|
| | | | TERM | COLLECTED | |
| 3204 LM-4 WB 0.9 MILES SE | SR 89 | +1.0000 | +0.8810 | 02/23/93 | 301177 |
| | | -0.0212 | +1.0200 | 03/23/93 | 301729 |
| | | +1.3000 | +1.0100 | 04/20/93 | 302253 |
| | | +0.1260 | +0.7830 | 05/18/93 | 302861 |
| | | -0.7329 | +1.3200 | 06/15/93 | 303470 |
| | | +0.9750 | +1.3200 | 07/13/93 | 303994 |
| | | +0.2500 | +1.2800 | 08/10/93 | 304530 |
| | | +3.1000 | +1.3200 | 09/07/93 | 305086 |
| | | -0.0586 | +0.9310 | 10/05/93 | 305607 |
| | | +0.5790 | +1.1300 | 11/03/93 | 306157 |
| | SR 90 | +0.1760 | +1.0300 | 12/01/93 | 306767 |
| | | +0.5140 | +0.5130 | 12/28/92 | 300109 |
| | | +0.2690 | +0.5140 | 01/26/93 | 300617 |
| | | -0.7089 | +0.6110 | 02/23/93 | 301177 |
| | | -0.2099 | +0.5720 | 03/23/93 | 301729 |
| | | -0.9759 | +0.5140 | 04/20/93 | 302253 |
| | | -0.0497 | +0.5430 | 05/18/93 | 302861 |
| | | +0.3240 | +0.5250 | 06/15/93 | 303470 |
| | | -0.4589 | +0.5560 | 07/13/93 | 303994 |
| | | -0.1739 | +0.5350 | 08/10/93 | 304530 |
| -1.0499 | +0.5620 | 09/07/93 | 305086 | | |
| +0.0982 | +0.5960 | 10/05/93 | 305607 | | |
| -0.1259 | +0.6050 | 11/03/93 | 306157 | | |
| -0.3099 | +0.6020 | 12/01/93 | 306767 | | |
| 3205 RM-3 WB 15 MILES NNW | GAMMA SCAN (GELI) | NO ACTIVITY DETECTED | | 12/28/92 | 300112 |
| | | NO ACTIVITY DETECTED | | 03/23/93 | 301732 |
| | | NO ACTIVITY DETECTED | | 06/15/93 | 303473 |
| | | NO ACTIVITY DETECTED | | 07/13/93 | 303997 |
| | | NO ACTIVITY DETECTED | | 09/07/93 | 305089 |
| | | NO ACTIVITY DETECTED | | 11/02/93 | 306160 |
| | AC-228 BE-7 | +2.0624 | +3.2951 | 11/30/93 | 306770 |
| | | +21.4430 | +6.1264 | 01/26/93 | 300620 |
| | | +52.9340 | +11.3940 | 02/23/93 | 301180 |
| | | +42.5630 | +8.3409 | 05/18/93 | 302864 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN RAINWATER
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO | | |
|-----------------------------------|---------------------------|----------|------------|-----------|----------|----------|--------|
| | | | TERM | COLLECTED | | | |
| 3205 RM-3 WB 15 MILES NNW | GAMMA SCAN (GELI) BE-7 | +46.7440 | +7.9492 | 08/10/93 | 304533 | | |
| | | +37.0180 | +9.0878 | 10/05/93 | 305611 | | |
| | BI-214 | +37.1730 | +8.3194 | 11/30/93 | 306770 | | |
| | | +1.3544 | +2.4840 | 01/26/93 | 300620 | | |
| | K-40 | +2.6620 | +3.1224 | 02/23/93 | 301180 | | |
| | | +2.7629 | +5.7710 | 04/20/93 | 302256 | | |
| | PB-212 | +5.1456 | +2.6987 | 05/18/93 | 302864 | | |
| | | +0.8839 | +2.3180 | 11/30/93 | 306770 | | |
| | PB-214 | +9.3336 | +14.8390 | 01/26/93 | 300620 | | |
| | | +5.0881 | +9.5442 | 08/10/93 | 304533 | | |
| | SR 89 | +1.6276 | +1.2198 | 08/10/93 | 304533 | | |
| | | +1.5540 | +2.4565 | 05/18/93 | 302864 | | |
| | SR 89 | | -0.2869 | +0.9390 | 12/28/92 | 300112 | |
| | | | +0.3410 | +0.7610 | 01/26/93 | 300620 | |
| | | | -0.8339 | +0.7410 | 02/23/93 | 301180 | |
| | | | -0.0891 | +1.3300 | 03/23/93 | 301732 | |
| | | | +0.0699 | +0.9790 | 04/20/93 | 302256 | |
| | | | +0.6980 | +0.8370 | 05/18/93 | 302864 | |
| | | | +0.5360 | +1.5100 | 06/15/93 | 303473 | |
| | | | +1.3200 | +1.3900 | 07/13/93 | 303997 | |
| | | | -2.6799 | +1.3200 | 08/10/93 | 304533 | |
| | | | +1.3400 | +1.3800 | 09/07/93 | 305089 | |
| | | | -0.3469 | +0.9650 | 10/05/93 | 305611 | |
| | | | +0.8720 | +1.1300 | 11/02/93 | 306160 | |
| | | | +0.4160 | +1.0600 | 11/30/93 | 306770 | |
| | | SR 90 | | +0.3580 | +0.5150 | 12/28/92 | 300112 |
| | | | | -0.1349 | +0.4900 | 01/26/93 | 300620 |
| | | | +0.5380 | +0.5350 | 02/23/93 | 301180 | |
| | | | -0.2289 | +0.5240 | 03/23/93 | 301732 | |
| | | | -0.2089 | +0.5100 | 04/20/93 | 302256 | |
| | | | -0.2499 | +0.5730 | 05/18/93 | 302864 | |
| | | | -0.2079 | +0.5840 | 06/15/93 | 303473 | |
| | | | -0.4869 | +0.5820 | 07/13/93 | 303997 | |
| | +1.0300 | | +0.5710 | 08/10/93 | 304533 | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN RAINWATER
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | |
|-----------------------------------|-----------------------|----------|------------|------------------|
| | | | TERM | COLLECTED LAB NO |
| 3205 RM-3 WB 15 MILES NNW | SR 90 | -0.4539 | +0.5910 | 09/07/93 305089 |
| | | +0.1830 | +0.6140 | 10/05/93 305611 |
| | | -0.6279 | +0.5870 | 11/02/93 306160 |
| | | -0.3229 | +0.6090 | 11/30/93 306770 |
| | | | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN MILK
 PC1/L - 0.037 Bq/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO | | |
|-------------------------------------|-----------------------|----------|-------------------|-----------|---------|----------|--------|
| | | | TERM | COLLECTED | | | |
| 2122 SHADDON FARM 12.0 MILES NNE | IODINE-131 | +0.0117 | +0.0449 | 01/06/93 | 300165 | | |
| | | -0.0009 | +0.0280 | 01/20/93 | 300404 | | |
| | | +0.0027 | +0.0436 | 02/03/93 | 300698 | | |
| | | -0.0085 | +0.0586 | 02/17/93 | 300946 | | |
| | | -0.0329 | +0.0397 | 03/03/93 | 301240 | | |
| | | -0.0060 | +0.0415 | 03/18/93 | 301481 | | |
| | | +0.0125 | +0.0480 | 03/31/93 | 301792 | | |
| | | -0.0068 | +0.0469 | 04/14/93 | 302065 | | |
| | | +0.0027 | +0.0432 | 04/28/93 | 302341 | | |
| | | +0.0248 | +0.0286 | 05/12/93 | 302649 | | |
| | | +0.0106 | +0.0460 | 05/26/93 | 302935 | | |
| | | -0.0139 | +0.0384 | 06/23/93 | 303532 | | |
| | | +0.0026 | +0.0417 | 07/07/93 | 303799 | | |
| | | -0.0114 | +0.0474 | 07/21/93 | 304077 | | |
| | | -0.0152 | +0.0420 | 08/04/93 | 304324 | | |
| | | -0.0323 | +0.0390 | 08/18/93 | 304584 | | |
| | | -0.0592 | +0.0442 | 09/01/93 | 304847 | | |
| | | -0.0569 | +0.0352 | 09/15/93 | 305157 | | |
| | | -0.0392 | +0.0363 | 09/29/93 | 305397 | | |
| | | -0.0522 | +0.0390 | 10/13/93 | 305664 | | |
| | | -0.0326 | +0.0394 | 10/27/93 | 305921 | | |
| | | -0.0384 | +0.0463 | 11/09/93 | 306301 | | |
| | | +0.0172 | +0.0317 | 11/23/93 | 306552 | | |
| | | -0.0070 | +0.0482 | 12/08/93 | 306823 | | |
| | | -0.0077 | +0.0529 | 12/22/93 | 307056 | | |
| | | | GAMMA SCAN (GELI) | | | | |
| | | | AC-228 | +7.4335 | +4.7340 | 06/23/93 | 303532 |
| | | | | +1.8354 | +5.5900 | 07/07/93 | 303799 |
| | | | | +2.5703 | +3.7557 | 08/18/93 | 304584 |
| | | | | +28.9790 | +7.6089 | 09/29/93 | 305397 |
| | +5.3721 | +4.9706 | | 10/13/93 | 305664 | | |
| | BI-214 | +1.0862 | +3.9042 | 11/09/93 | 306301 | | |
| | | +5.0216 | +2.9996 | 01/06/93 | 300165 | | |
| | | +8.1738 | +2.7973 | 01/20/93 | 300404 | | |
| | | +49.4690 | +6.1520 | 02/03/93 | 300698 | | |
| | | +7.9269 | +3.1361 | 02/17/93 | 300946 | | |
| | | +1.4484 | +3.4622 | 03/03/93 | 301240 | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN MILK
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR TERM | DATE COLLECTED | LAB NO |
|-------------------------------------|-----------------------------|------------|---------------|-------------------|--------|
| 2122 SHADDON FARM 12.0 MILES NNE | GAMMA SCAN (GELI) BI-214 | +36.1770 | +5.0728 | 03/18/93 | 301481 |
| | | +53.2610 | +4.7706 | 03/31/93 | 301792 |
| | | +140.5500 | +10.4970 | 04/14/93 | 302065 |
| | | +138.1800 | +10.7950 | 05/12/93 | 302649 |
| | | +116.8700 | +9.3101 | 05/26/93 | 302935 |
| | | +112.3700 | +7.9577 | 06/23/93 | 303532 |
| | | +190.5500 | +12.3090 | 07/07/93 | 303799 |
| | | +5.9038 | +3.2244 | 07/21/93 | 304077 |
| | | +24.7150 | +4.3421 | 08/04/93 | 304324 |
| | | +2.4251 | +6.4592 | 08/18/93 | 304584 |
| | | +27.2050 | +4.4203 | 09/01/93 | 304847 |
| | | +173.3500 | +11.7800 | 09/15/93 | 305157 |
| | | +4.8655 | +3.1858 | 09/29/93 | 305397 |
| | | +3.8075 | +2.9887 | 10/13/93 | 305664 |
| | | +134.6100 | +9.0696 | 10/27/93 | 305921 |
| | | +78.1980 | +6.7501 | 11/09/93 | 306301 |
| | | +4.3382 | +8.1816 | 11/23/93 | 306552 |
| | +4.8601 | +2.5360 | 12/08/93 | 306823 | |
| | +3.8284 | +2.5279 | 12/22/93 | 307056 | |
| | K-40 | +1409.1000 | +105.4900 | 01/06/93 | 300165 |
| | | +1497.6000 | +88.5370 | 01/20/93 | 300404 |
| | | +1275.9000 | +85.9240 | 02/03/93 | 300698 |
| | | +1359.7000 | +95.2260 | 02/17/93 | 300946 |
| | | +1293.7000 | +88.3460 | 03/03/93 | 301240 |
| | | +1333.9000 | +94.5490 | 03/18/93 | 301481 |
| | | +1225.9000 | +87.2150 | 03/31/93 | 301792 |
| | | +924.9100 | +70.1400 | 04/14/93 | 302065 |
| | | +1405.4000 | +98.7470 | 04/28/93 | 302341 |
| | | +946.3000 | +81.0520 | 05/12/93 | 302649 |
| | | +903.4400 | +67.4120 | 05/26/93 | 302935 |
| | | +834.9500 | +78.3950 | 06/23/93 | 303532 |
| | | +678.0301 | +60.7740 | 07/07/93 | 303799 |
| | | +1317.0000 | +89.3830 | 07/21/93 | 304077 |
| | | +1347.0000 | +92.3160 | 08/04/93 | 304324 |
| | | +1362.2000 | +89.2690 | 08/18/93 | 304584 |
| +1105.5000 | | +85.7500 | 09/01/93 | 304847 | |
| +876.4100 | | +85.2210 | 09/15/93 | 305157 | |
| +1336.7000 | +84.8260 | 09/29/93 | 305397 | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN MILK
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|-------------------------------------|---------------------------|------------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | |
| 2122 SHADDON FARM 12.0 MILES NNE | GAMMA SCAN (GELI) K-40 | +1368.3000 | +88.4550 | 10/13/93 | 305664 | |
| | | +970.0100 | +91.6580 | 10/27/93 | 305921 | |
| | | +755.6200 | +69.7470 | 11/09/93 | 306301 | |
| | | +1387.4000 | +91.6750 | 11/23/93 | 306552 | |
| | | +1365.6000 | +101.3300 | 12/08/93 | 306823 | |
| | | +1403.1000 | +100.1800 | 12/22/93 | 307056 | |
| | | PB-212 | +0.9318 | +2.1440 | 01/20/93 | 300404 |
| | | | +0.8653 | +2.4279 | 02/03/93 | 300698 |
| | | | +2.8575 | +1.9085 | 03/31/93 | 301792 |
| | | | +0.1386 | +1.7922 | 04/14/93 | 302065 |
| | +0.2612 | | +1.5957 | 05/26/93 | 302935 | |
| | +0.6401 | | +2.4097 | 06/23/93 | 303532 | |
| | +3.5527 | | +2.3013 | 07/07/93 | 303799 | |
| | +0.6350 | | +1.7069 | 07/21/93 | 304077 | |
| | +1.2453 | | +2.2736 | 08/04/93 | 304324 | |
| | +2.0835 | | +1.5071 | 08/18/93 | 304584 | |
| | PB-214 | +0.1837 | +1.5551 | 09/01/93 | 304847 | |
| | | +1.1647 | +2.2230 | 09/15/93 | 305157 | |
| | | +2.8073 | +2.2447 | 10/13/93 | 305664 | |
| | | +0.5317 | +1.7241 | 10/27/93 | 305921 | |
| | | +1.0260 | +2.0553 | 12/22/93 | 307056 | |
| | | +4.4992 | +4.0511 | 01/06/93 | 300165 | |
| | | +4.7069 | +2.8944 | 01/20/93 | 300404 | |
| | | +35.0200 | +4.1620 | 02/03/93 | 300698 | |
| | | +3.1092 | +2.7261 | 02/17/93 | 300946 | |
| | | +31.0300 | +3.2777 | 03/18/93 | 301481 | |
| | | +37.8990 | +5.2578 | 03/31/93 | 301792 | |
| | | +138.2900 | +10.6200 | 04/14/93 | 302065 | |
| | | +146.2700 | +9.5329 | 05/12/93 | 302649 | |
| | | +100.8700 | +9.2746 | 05/26/93 | 302935 | |
| | | +109.9800 | +7.5406 | 06/23/93 | 303532 | |
| | | +178.6300 | +10.0550 | 07/07/93 | 303799 | |
| | | +25.1370 | +4.4773 | 08/04/93 | 304324 | |
| | | +9.7902 | +3.5618 | 08/18/93 | 304584 | |
| | | +21.1560 | +3.6681 | 09/01/93 | 304847 | |
| | | +172.4800 | +10.1350 | 09/15/93 | 305157 | |
| | | +3.9996 | +2.4825 | 09/29/93 | 305397 | |
| | | +3.8123 | +2.9527 | 10/13/93 | 305664 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN MILK
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|-------------------------------------|-----------------------------|-----------|----------------|----------|----------|--------|
| | | | TERM COLLECTED | LAB NO | | |
| 2122 SHADDON FARM 12.0 MILES NNE | GAMMA SCAN (GELI) PB-214 | +116.3800 | +10.4080 | 10/27/93 | 305921 | |
| | | +57.5440 | +5.8380 | 11/09/93 | 306301 | |
| | | +3.6300 | +2.7171 | 12/08/93 | 306823 | |
| | TL-208 | +1.4172 | +1.8587 | 01/20/93 | 300404 | |
| | | +0.1216 | +1.0749 | 03/18/93 | 301481 | |
| | | +0.2436 | +1.1486 | 05/12/93 | 302649 | |
| | | +0.9847 | +1.2797 | 07/21/93 | 304077 | |
| | | +2.3505 | +1.4715 | 09/15/93 | 305157 | |
| | | +1.6414 | +1.2241 | 09/29/93 | 305397 | |
| | | +0.0363 | +1.2551 | 10/13/93 | 305664 | |
| | | +0.7901 | +1.0886 | 11/23/93 | 306552 | |
| | | +0.4189 | +1.3082 | 12/22/93 | 307056 | |
| | | SR 89 | -1.0599 | +0.6300 | 01/06/93 | 300165 |
| | | | -1.1599 | +0.8220 | 02/03/93 | 300698 |
| | | | -0.7299 | +0.6650 | 03/03/93 | 301240 |
| | | | -0.3009 | +0.6940 | 03/31/93 | 301792 |
| | | | +1.0300 | +0.7170 | 04/28/93 | 302341 |
| | -0.2699 | | +0.6740 | 05/26/93 | 302935 | |
| | -0.0756 | | +0.5640 | 06/23/93 | 303532 | |
| | -0.3079 | | +0.8420 | 07/21/93 | 304077 | |
| | -0.1269 | | +0.6860 | 08/18/93 | 304584 | |
| | -0.5399 | | +0.7760 | 09/15/93 | 305157 | |
| | SR 90 | +0.1970 | +0.7730 | 10/13/93 | 305664 | |
| | | -0.1449 | +0.7190 | 11/09/93 | 306301 | |
| | | -0.0895 | +0.6620 | 12/08/93 | 306823 | |
| | | +2.6200 | +0.5620 | 01/06/93 | 300165 | |
| | | +3.5700 | +0.7150 | 02/03/93 | 300698 | |
| +2.3200 | | +0.5700 | 03/03/93 | 301240 | | |
| +1.6600 | | +0.5580 | 03/31/93 | 301792 | | |
| +0.8420 | | +0.5890 | 04/28/93 | 302341 | | |
| +1.4900 | | +0.5590 | 05/26/93 | 302935 | | |
| +1.0700 | | +0.4040 | 06/23/93 | 303532 | | |
| +1.6000 | +0.6810 | 07/21/93 | 304077 | | | |
| +1.7500 | +0.5780 | 08/18/93 | 304584 | | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN MILK
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO |
|---------------------------------------|-----------------------|----------|------------|-----------|--------|
| | | | TERM | COLLECTED | |
| 2122 SHADDON FARM 12.0 MILES NNE | SR 90 | +1.7800 | +0.6250 | 09/15/93 | 305157 |
| | | +1.5500 | +0.6310 | 10/13/93 | 305664 |
| | | +2.0600 | +0.6110 | 11/09/93 | 306301 |
| | | +1.4600 | +0.5450 | 12/08/93 | 306823 |
| 2202 BILDERBACK FARM 43.0 MILES NE | IODINE-131 | +0.0027 | +0.0436 | 01/06/93 | 300168 |
| | | +0.0380 | +0.0330 | 01/20/93 | 300416 |
| | | -0.0059 | +0.0214 | 02/02/93 | 300701 |
| | | +0.0328 | +0.0378 | 02/16/93 | 300958 |
| | | +0.0149 | +0.0274 | 03/03/93 | 301243 |
| | | +0.0344 | +0.0309 | 03/18/93 | 301492 |
| | | -0.0119 | +0.0290 | 03/31/93 | 301795 |
| | | +0.0102 | +0.0341 | 04/13/93 | 302076 |
| | | -0.0011 | +0.0341 | 04/28/93 | 302366 |
| | | -0.0253 | +0.0429 | 05/11/93 | 302660 |
| | | -0.0224 | +0.0265 | 05/26/93 | 302938 |
| | | +0.0001 | +0.0483 | 06/08/93 | 303224 |
| | | +0.0356 | +0.0309 | 06/22/93 | 303536 |
| | | +0.0165 | +0.0303 | 07/07/93 | 303811 |
| | | +0.0270 | +0.0311 | 07/21/93 | 304080 |
| | | +0.0274 | +0.0316 | 08/04/93 | 304336 |
| | | +0.0161 | +0.0295 | 08/17/93 | 304587 |
| | | +0.0163 | +0.0299 | 09/01/93 | 304858 |
| | | +0.0050 | +0.0297 | 09/15/93 | 305161 |
| | | -0.0060 | +0.0218 | 09/29/93 | 305409 |
| | | +0.0165 | +0.0302 | 10/13/93 | 305667 |
| | | -0.0171 | +0.0205 | 10/27/93 | 305933 |
| | | +0.0412 | +0.0631 | 11/09/93 | 306305 |
| +0.0272 | +0.0313 | 11/23/93 | 306578 | | |
| -0.0176 | +0.0211 | 12/08/93 | 306826 | | |
| +0.0052 | +0.0307 | 12/22/93 | 307067 | | |
| | GAMMA SCAN (GELI) | | | | |
| | AC-228 | +1.5389 | +4.2699 | 02/02/93 | 300701 |
| | BI-214 | +8.5966 | +4.4803 | 01/06/93 | 300168 |
| | | +1.0650 | +8.0689 | 01/20/93 | 300416 |
| | | +8.1583 | +3.5729 | 02/02/93 | 300701 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN MILK
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO | |
|---------------------------------------|-----------------------------|----------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | | |
| 2202 BILDERBACK FARM 43.0 MILES NE | GAMMA SCAN (GELI) BI-214 | +17.9130 | +3.8668 | 03/31/93 | 301795 | |
| | | +18.0690 | +6.6988 | 04/13/93 | 302076 | |
| | | +0.8852 | +2.3518 | 04/28/93 | 302366 | |
| | | +12.8700 | +4.2841 | 05/11/93 | 302660 | |
| | | +42.0100 | +7.7797 | 05/26/93 | 302938 | |
| | | +1.2138 | +2.7819 | 06/22/93 | 303536 | |
| | | +6.7481 | +10.0160 | 07/21/93 | 304080 | |
| | | +4.6994 | +8.0036 | 09/01/93 | 304858 | |
| | | +0.0270 | +10.3640 | 09/29/93 | 305409 | |
| | | +4.5628 | +5.4959 | 10/13/93 | 305667 | |
| | | +17.1520 | +12.4380 | 10/27/93 | 305933 | |
| | | +2.6270 | +3.9233 | 11/09/93 | 306305 | |
| | | +15.4090 | +10.8390 | 11/23/93 | 306578 | |
| | | K-40 | +1419.6000 | +104.0400 | 01/06/93 | 300168 |
| | | | +1365.4000 | +94.9540 | 01/20/93 | 300416 |
| | | | +1328.0000 | +94.0630 | 02/02/93 | 300701 |
| | | | +1326.1000 | +98.5010 | 02/16/93 | 300958 |
| | +1420.0000 | | +123.1800 | 03/03/93 | 301243 | |
| | +1507.4000 | | +104.1600 | 03/18/93 | 301492 | |
| | +1372.1000 | | +92.2390 | 03/31/93 | 301795 | |
| | +1316.9000 | | +98.9430 | 04/13/93 | 302076 | |
| | +1316.3000 | | +89.3880 | 04/28/93 | 302366 | |
| | +1289.9000 | | +102.6500 | 05/11/93 | 302660 | |
| | +1325.6000 | | +107.1200 | 05/26/93 | 302938 | |
| | +1284.5000 | | +96.2370 | 06/08/93 | 303224 | |
| | +1271.5000 | | +84.2010 | 06/22/93 | 303536 | |
| | +1252.5000 | | +94.3120 | 07/07/93 | 303811 | |
| | +1284.8000 | | +91.5030 | 07/21/93 | 304080 | |
| | +1288.9000 | | +101.1100 | 08/04/93 | 304336 | |
| | +1318.2000 | | +98.2740 | 08/17/93 | 304587 | |
| | +1303.6000 | +88.5450 | 09/01/93 | 304858 | | |
| | +1239.8000 | +94.7080 | 09/15/93 | 305161 | | |
| | +1291.4000 | +93.5470 | 09/29/93 | 305409 | | |
| | +1364.4000 | +79.8640 | 10/13/93 | 305667 | | |
| +1467.9000 | +97.7540 | 10/27/93 | 305933 | | | |
| +1405.4000 | +102.4800 | 11/09/93 | 306305 | | | |
| +1418.3000 | +92.1140 | 11/23/93 | 306578 | | | |
| +1578.2000 | +113.5100 | 12/08/93 | 306826 | | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN MILK
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|---------------------------------------|-----------------------|-----------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | |
| 2202 BILDERBACK FARM 43.0 MILES NE | GAMMA SCAN (GELI) | | | | | |
| | K-40 | +699.2700 | +130.3200 | 12/22/93 | 307067 | |
| | PB-212 | +0.8470 | +1.5834 | 04/28/93 | 302366 | |
| | | +0.9451 | +1.9403 | 07/07/93 | 303811 | |
| | | +1.4235 | +2.7529 | 08/04/93 | 304336 | |
| | | +0.6482 | +2.4854 | 08/17/93 | 304587 | |
| | | +1.5371 | +2.8677 | 10/13/93 | 305667 | |
| | | +0.6379 | +2.5843 | 11/23/93 | 306578 | |
| | PB-214 | +4.6601 | +3.5740 | 03/31/93 | 301795 | |
| | | +10.4590 | +3.6235 | 04/13/93 | 302076 | |
| | | +2.7932 | +3.3297 | 04/28/93 | 302366 | |
| | | +2.3719 | +2.6578 | 05/11/93 | 302660 | |
| | | +2.5257 | +2.0169 | 05/26/93 | 302938 | |
| | | +0.0145 | +2.1616 | 07/07/93 | 303811 | |
| | | +3.7427 | +3.8747 | 08/17/93 | 304587 | |
| | | +0.4450 | +3.0797 | 11/09/93 | 306305 | |
| | TL-208 | +0.7871 | +1.4202 | 07/21/93 | 304080 | |
| | | +1.2018 | +1.5976 | 10/13/93 | 305667 | |
| | SR 89 | | | | | |
| | | | -0.7309 | +0.6150 | 01/06/93 | 300168 |
| | | | +0.3050 | +0.7150 | 02/02/93 | 300701 |
| | | | -0.7739 | +0.6040 | 03/03/93 | 301243 |
| | | | -0.9299 | +0.6360 | 03/31/93 | 301795 |
| | | | +0.7700 | +0.6430 | 04/28/93 | 302366 |
| | | | +0.2180 | +0.7310 | 05/26/93 | 302938 |
| | | | +0.2700 | +0.5660 | 06/22/93 | 303536 |
| | | | +0.2670 | +0.8140 | 07/21/93 | 304080 |
| | | | +0.3040 | +0.6580 | 08/17/93 | 304587 |
| | | | -0.5939 | +0.7070 | 09/15/93 | 305161 |
| | | | -0.5169 | +0.6860 | 10/13/93 | 305667 |
| | | | -0.0890 | +0.6400 | 11/09/93 | 306305 |
| | | | +0.3400 | +0.8480 | 12/08/93 | 306826 |
| SR 90 | | | | | | |
| | | +1.5400 | +0.5240 | 01/06/93 | 300168 | |
| | | +0.6040 | +0.5710 | 02/02/93 | 300701 | |
| | | +1.1100 | +0.4970 | 03/03/93 | 301243 | |
| | | +1.1200 | +0.5040 | 03/31/93 | 301795 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN MILK
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | | |
|---------------------------------------|-----------------------|------------------------------------|------------|-----------|---------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | | |
| 2202 BILDERBACK FARM 43.0 MILES NE | SR 90 | -0.0517 | +0.5150 | 04/28/93 | 302366 | | |
| | | +0.5780 | +0.5770 | 05/26/93 | 302938 | | |
| | | +0.4790 | +0.3880 | 06/22/93 | 303536 | | |
| | | +0.3810 | +0.6360 | 07/21/93 | 304080 | | |
| | | +0.4770 | +0.5250 | 08/17/93 | 304587 | | |
| | | +0.8240 | +0.5550 | 09/15/93 | 305161 | | |
| | | +1.1100 | +0.5570 | 10/13/93 | 305667 | | |
| | | +0.8930 | +0.5270 | 11/09/93 | 306305 | | |
| | | +3.1800 | +0.7070 | 12/08/93 | 306826 | | |
| | | 2203 CRUMLEY FARM 16.0 MILES NE | IODINE-131 | +0.0193 | +0.0425 | 02/03/93 | 300703 |
| | | | | +0.0584 | +0.0376 | 02/17/93 | 300959 |
| | | | | +0.0201 | +0.0336 | 03/03/93 | 301244 |
| | | | | +0.0198 | +0.0436 | 03/18/93 | 301493 |
| -0.0278 | +0.0471 | | | 03/31/93 | 301796 | | |
| -0.0342 | +0.0413 | | | 04/14/93 | 302077 | | |
| -0.0263 | +0.0446 | | | 04/28/93 | 302367 | | |
| -0.0446 | +0.0414 | | | 05/12/93 | 302661 | | |
| -0.0065 | +0.0237 | | | 05/26/93 | 302939 | | |
| +0.0154 | +0.0282 | | | 06/09/93 | 303225 | | |
| +0.0087 | +0.0291 | | | 06/23/93 | 303537 | | |
| +0.0088 | +0.0296 | | | 07/07/93 | 303812 | | |
| +0.0237 | +0.0531 | | | 07/21/93 | 304081 | | |
| -0.0111 | +0.0271 | | | 08/04/93 | 304337 | | |
| +0.0087 | +0.0293 | | | 08/18/93 | 304588 | | |
| +0.0157 | +0.0288 | | | 09/01/93 | 304860 | | |
| -0.0474 | +0.0440 | | | 09/15/93 | 305162 | | |
| -0.0219 | +0.0371 | | | 09/29/93 | 305410 | | |
| -0.0323 | +0.0420 | | | 10/13/93 | 305669 | | |
| -0.0061 | +0.0422 | | | 10/27/93 | 305934 | | |
| +0.0281 | +0.0324 | | | 11/09/93 | 306306 | | |
| -0.0010 | +0.0303 | | | 11/23/93 | 306579 | | |
| +0.0097 | +0.0326 | | | 12/08/93 | 306827 | | |
| +0.0357 | +0.0412 | 12/22/93 | 307068 | | | | |
| | GAMMA SCAN (GELI) | | | | | | |
| | B1-214 | +11.3590 | +3.3749 | 02/03/93 | 300703 | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN MILK
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | |
|------------------------------------|-----------------------------|------------|------------|-----------|--------|
| | | | TERM | COLLECTED | LAB NO |
| 2203 CRUMLEY FARM 16.0 MILES NE | GAMMA SCAN (GELI) BI-214 | +7.8095 | +3.6783 | 03/03/93 | 301244 |
| | | +1.2084 | +3.1576 | 04/14/93 | 302077 |
| | | +28.2570 | +6.4597 | 04/28/93 | 302367 |
| | | +2.3759 | +3.7091 | 05/12/93 | 302661 |
| | | +20.6120 | +7.2126 | 05/26/93 | 302939 |
| | | +6.8109 | +8.3256 | 06/09/93 | 303225 |
| | | +1.0781 | +2.9320 | 06/23/93 | 303537 |
| | | +2.9802 | +2.6854 | 07/07/93 | 303812 |
| | | +9.2158 | +4.3401 | 10/27/93 | 305934 |
| | | +13.8980 | +3.9636 | 11/09/93 | 306306 |
| | K-40 | +2.2547 | +2.2604 | 12/08/93 | 306827 |
| | | +1195.2000 | +85.1160 | 02/03/93 | 300703 |
| | | +699.9200 | +245.2600 | 02/17/93 | 300959 |
| | | +1393.5000 | +90.6620 | 03/03/93 | 301244 |
| | | +1218.2000 | +74.5910 | 03/18/93 | 301493 |
| | | +1383.0000 | +109.0500 | 03/31/93 | 301796 |
| | | +1270.9000 | +95.1230 | 04/14/93 | 302077 |
| | | +1413.9000 | +109.8800 | 04/28/93 | 302367 |
| | | +1519.5000 | +90.1490 | 05/12/93 | 302661 |
| | | +1589.2000 | +122.5800 | 05/26/93 | 302939 |
| | | +1312.2000 | +89.1240 | 06/09/93 | 303225 |
| | | +1415.0000 | +98.8340 | 06/23/93 | 303537 |
| | | +1359.5000 | +102.7200 | 07/07/93 | 303812 |
| | | +1373.9000 | +100.5200 | 07/21/93 | 304081 |
| | | +1410.4000 | +107.0300 | 08/04/93 | 304337 |
| | | +1257.6000 | +87.1000 | 08/18/93 | 304588 |
| | | +1472.8000 | +105.2900 | 09/01/93 | 304860 |
| | | +1369.5000 | +103.3500 | 09/15/93 | 305162 |
| | | +1440.5000 | +93.6350 | 09/29/93 | 305410 |
| | | +1402.2000 | +94.7620 | 10/13/93 | 305669 |
| | +1378.2000 | +107.5100 | 10/27/93 | 305934 | |
| | +1277.3000 | +86.9220 | 11/09/93 | 306306 | |
| | +1441.4000 | +92.3770 | 11/23/93 | 306579 | |
| | +1315.5000 | +108.3600 | 12/08/93 | 306827 | |
| | PB-212 | +1338.0000 | +99.7560 | 12/22/93 | 307068 |
| | | +0.5793 | +3.1551 | 02/17/93 | 300959 |
| | | +6.6570 | +3.6871 | 03/31/93 | 301796 |
| | | +0.3201 | +2.6725 | 06/09/93 | 303225 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN MILK
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | | |
|------------------------------------|---------------------------------------|----------|------------|-----------|----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | | |
| 2203 CRUMLEY FARM 16.0 MILES NE | GAMMA SCAN (GELI) PB-212 PB-214 | +3.4347 | +2.9648 | 09/15/93 | 305162 | | |
| | | +12.2210 | +3.6877 | 02/03/93 | 300703 | | |
| | | +2.5018 | +2.2912 | 03/03/93 | 301244 | | |
| | | +1.0144 | +3.9363 | 04/14/93 | 302077 | | |
| | | +14.0200 | +3.8912 | 04/28/93 | 302367 | | |
| | | +18.0890 | +5.8789 | 05/26/93 | 302939 | | |
| | | +13.3610 | +4.4504 | 07/07/93 | 303812 | | |
| | | +2.4919 | +4.2143 | 10/27/93 | 305934 | | |
| | | +4.7632 | +2.0851 | 11/09/93 | 306306 | | |
| | TL-208 | +0.3404 | +1.1224 | 03/03/93 | 301244 | | |
| | | +0.4329 | +1.9172 | 06/09/93 | 303225 | | |
| | | +3.0317 | +1.9313 | 11/09/93 | 306306 | | |
| | SR 89 | | -0.7219 | +0.8360 | 02/03/93 | 300703 | |
| | | | -0.2959 | +0.6590 | 03/03/93 | 301244 | |
| | | | +0.4180 | +0.6940 | 03/31/93 | 301796 | |
| | | | -0.6679 | +0.6220 | 04/28/93 | 302367 | |
| | | | -0.1969 | +0.6280 | 05/26/93 | 302939 | |
| | | | -0.6539 | +0.5050 | 06/23/93 | 303537 | |
| | | | -0.4959 | +0.7740 | 07/21/93 | 304081 | |
| | | | -0.5469 | +0.6940 | 08/18/93 | 304588 | |
| | | | -1.1099 | +0.8830 | 09/15/93 | 305162 | |
| | | | +1.1900 | +0.7380 | 10/13/93 | 305669 | |
| | | | -0.5529 | +0.7100 | 11/09/93 | 306306 | |
| | | | -0.5739 | +0.7510 | 12/08/93 | 306827 | |
| | | SR 90 | | +1.9900 | +0.6850 | 02/03/93 | 300703 |
| | | | | +1.3100 | +0.5400 | 03/03/93 | 301244 |
| | | | | +0.3830 | +0.5300 | 03/31/93 | 301796 |
| | +1.4400 | | +0.5280 | 04/28/93 | 302367 | | |
| | +1.2400 | | +0.5180 | 05/26/93 | 302939 | | |
| | +1.2900 | | +0.3720 | 06/23/93 | 303537 | | |
| | +0.7950 | | +0.6140 | 07/21/93 | 304081 | | |
| | +1.4300 | | +0.5710 | 08/18/93 | 304588 | | |
| | +1.9400 | | +0.6970 | 09/15/93 | 305162 | | |
| | +0.0184 | | +0.5740 | 10/13/93 | 305669 | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN MILK
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|-----------------------------------|-----------------------|------------|-------------------|-----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | |
| 2203 CRUMLEY FARM | 16.0 MILES NE | SR 90 | +1.6100 | +0.6080 | 11/09/93 | 306306 |
| | | | +1.6000 | +0.6050 | 12/08/93 | 306827 |
| 3115 LAYMAN FARM | 1.3 MILES SW | IODINE-131 | -0.0178 | +0.0212 | 01/05/93 | 300210 |
| | | | +0.0100 | +0.0335 | 01/19/93 | 300448 |
| | | | +0.0196 | +0.0432 | 02/03/93 | 300743 |
| | | | -0.0120 | +0.0293 | 02/17/93 | 300989 |
| | | | -0.0161 | +0.0445 | 03/02/93 | 301284 |
| | | | -0.0406 | +0.0377 | 03/17/93 | 301524 |
| | | | -0.0406 | +0.0490 | 03/30/93 | 301836 |
| | | | +0.0045 | +0.0263 | 04/13/93 | 302107 |
| | | | -0.0534 | +0.0398 | 04/27/93 | 302425 |
| | | | -0.0170 | +0.0204 | 05/12/93 | 302700 |
| | | | +0.0212 | +0.0355 | 05/25/93 | 302978 |
| | | | -0.0114 | +0.0474 | 06/09/93 | 303263 |
| | | | -0.0170 | +0.0203 | 06/23/93 | 303576 |
| | | | +0.0277 | +0.0320 | 07/06/93 | 303842 |
| | | | -0.0158 | +0.0386 | 07/20/93 | 304120 |
| | | | -0.0180 | +0.0215 | 08/04/93 | 304367 |
| | | | +0.0273 | +0.0315 | 08/17/93 | 304627 |
| | | | -0.0124 | +0.0303 | 08/31/93 | 304891 |
| | | | -0.0325 | +0.0550 | 09/14/93 | 305201 |
| | | | -0.0465 | +0.0432 | 09/28/93 | 305440 |
| | | | -0.0110 | +0.0459 | 10/12/93 | 305708 |
| | | | +0.0030 | +0.0489 | 10/26/93 | 305964 |
| | | | +0.0595 | +0.0424 | 11/08/93 | 306345 |
| | | | +0.0117 | +0.0392 | 11/22/93 | 306609 |
| | | | +0.0109 | +0.0366 | 12/07/93 | 306867 |
| | | | +0.0056 | +0.0331 | 12/21/93 | 307100 |
| | | | GAMMA SCAN (GELI) | | | |
| | AC-228 | +1.5823 | +4.7536 | 04/27/93 | 302425 | |
| | | +3.8875 | +3.8885 | 07/20/93 | 304120 | |
| | BI-214 | +4.3657 | +3.0949 | 01/05/93 | 300210 | |
| | | +134.5400 | +12.4160 | 02/03/93 | 300743 | |
| | | +39.7160 | +8.1591 | 03/02/93 | 301284 | |
| | | +9.0668 | +4.0135 | 03/30/93 | 301836 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN MILK
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|-----------------------------------|-----------------------------|------------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | |
| 3115 LAYMAN FARM 1.3 MILES SW | GAMMA SCAN (GELI) BI-214 | +6.8233 | +3.0361 | 04/27/93 | 302425 | |
| | | +5.6065 | +3.5052 | 05/25/93 | 302978 | |
| | | +4.3614 | +3.5304 | 06/23/93 | 303576 | |
| | | +9.2894 | +3.5404 | 07/20/93 | 304120 | |
| | | +105.5400 | +8.4591 | 08/17/93 | 304627 | |
| | | +11.7830 | +7.9806 | 09/14/93 | 305201 | |
| | | +14.7820 | +4.1799 | 11/08/93 | 306345 | |
| | | K-40 | +1361.1000 | +99.6430 | 01/05/93 | 300210 |
| | | | +1012.5000 | +79.2180 | 02/03/93 | 300743 |
| | | | +1281.3000 | +88.4240 | 03/02/93 | 301284 |
| | | | +1134.2000 | +87.8420 | 03/30/93 | 301836 |
| | | | +1373.4000 | +101.2700 | 04/27/93 | 302425 |
| | | | +1366.2000 | +100.0600 | 05/25/93 | 302978 |
| | | | +1339.6000 | +89.8190 | 06/23/93 | 303576 |
| | +1288.7000 | | +81.6240 | 07/20/93 | 304120 | |
| | +940.8300 | | +84.8030 | 08/17/93 | 304627 | |
| | +1324.3000 | | +100.7400 | 09/14/93 | 305201 | |
| | +1459.1000 | | +103.8800 | 10/12/93 | 305708 | |
| | +1309.6000 | | +93.4760 | 11/08/93 | 306345 | |
| | PB-212 | +1206.7000 | +114.4500 | 12/07/93 | 306867 | |
| | | +1.2057 | +1.9957 | 04/27/93 | 302425 | |
| | PB-214 | +2.0486 | +1.5561 | 09/14/93 | 305201 | |
| | | +2.3579 | +3.7921 | 01/05/93 | 300210 | |
| | | +138.4500 | +10.4550 | 02/03/93 | 300743 | |
| | | +1.5140 | +2.5786 | 03/02/93 | 301284 | |
| | | +7.8582 | +5.0831 | 03/30/93 | 301836 | |
| | | +5.6152 | +2.1160 | 04/27/93 | 302425 | |
| | | +5.5296 | +4.7454 | 05/25/93 | 302978 | |
| | | +3.2029 | +2.9053 | 07/20/93 | 304120 | |
| | | +109.2600 | +9.2117 | 08/17/93 | 304627 | |
| | | +13.1200 | +4.1385 | 11/08/93 | 306345 | |
| | | SR 89 | | | | |
| | | | -0.9159 | +0.6640 | 01/05/93 | 300210 |
| | | | -0.4759 | +0.6440 | 02/03/93 | 300743 |
| | | | +0.1510 | +0.6440 | 03/02/93 | 301284 |
| | | | +0.9270 | +0.6870 | 03/30/93 | 301836 |
| | | | -0.2499 | +0.6460 | 04/27/93 | 302425 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN MILK
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|-----------------------------------|---------------------------------|------------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | |
| 3115 LAYMAN FARM 1.3 MILES SW | SR 89 | +0.3890 | +0.7570 | 05/25/93 | 302978 | |
| | | -0.2369 | +0.5490 | 06/23/93 | 303576 | |
| | | +0.3060 | +0.8240 | 07/20/93 | 304120 | |
| | | -1.1699 | +0.8480 | 08/17/93 | 304627 | |
| | | -0.4089 | +0.7410 | 09/14/93 | 305201 | |
| | | -0.7049 | +0.5490 | 10/12/93 | 305708 | |
| | | -0.1989 | +0.6330 | 11/08/93 | 306345 | |
| | | -0.2449 | +0.7180 | 12/07/93 | 306867 | |
| | | SR 90 | +2.2300 | +0.5690 | 01/05/93 | 300210 |
| | | | +1.4400 | +0.5520 | 02/03/93 | 300743 |
| | +0.8760 | | +0.5290 | 03/02/93 | 301284 | |
| | -0.0346 | | +0.5140 | 03/30/93 | 301836 | |
| | +1.2800 | | +0.5380 | 04/27/93 | 302425 | |
| | +1.1600 | | +0.6160 | 05/25/93 | 302978 | |
| | +1.3200 | | +0.3980 | 06/23/93 | 303576 | |
| | +1.4700 | | +0.6770 | 07/20/93 | 304120 | |
| | +2.5100 | | +0.7130 | 08/17/93 | 304627 | |
| | +1.6600 | | +0.5910 | 09/14/93 | 305201 | |
| | 3116 MULLINS FARM 3.7 M. ESE | IODINE-131 | +1.4900 | +0.4820 | 10/12/93 | 305708 |
| | | | +1.2200 | +0.5390 | 11/08/93 | 306345 |
| +1.5900 | | | +0.5940 | 12/07/93 | 306867 | |
| -0.0159 | | | +0.0440 | 01/06/93 | 300212 | |
| +0.0043 | | | +0.0255 | 01/19/93 | 300449 | |
| +0.0437 | | | +0.0311 | 02/03/93 | 300745 | |
| -0.0272 | | | +0.0461 | 02/16/93 | 300990 | |
| -0.0064 | | | +0.0232 | 03/02/93 | 301287 | |
| -0.0099 | | | +0.0242 | 03/18/93 | 301526 | |
| +0.0275 | | | +0.0317 | 03/30/93 | 301838 | |
| +0.0408 | | | +0.0366 | 04/14/93 | 302108 | |
| -0.0171 | | | +0.0204 | 04/28/93 | 302427 | |
| -0.0117 | | | +0.0286 | 05/11/93 | 302701 | |
| -0.0011 | | | +0.0341 | 05/26/93 | 302982 | |
| +0.0279 | | | +0.0322 | 06/08/93 | 303264 | |
| +0.0198 | | | +0.0332 | 06/22/93 | 303578 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN MILK
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | | |
|-----------------------------------|-----------------------|-------------------|------------|-----------|----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | | |
| 3116 MULLINS FARM 3.7 M. ESE | IODINE-131 | -0.0166 | +0.0198 | 07/07/93 | 303843 | | |
| | | -0.0543 | +0.0400 | 07/20/93 | 304122 | | |
| | | -0.0213 | +0.0253 | 08/04/93 | 304368 | | |
| | | -0.0227 | +0.0385 | 08/18/93 | 304631 | | |
| | | -0.0308 | +0.0522 | 09/01/93 | 304892 | | |
| | | -0.0540 | +0.0470 | 09/15/93 | 305203 | | |
| | | -0.0101 | +0.0422 | 09/29/93 | 305441 | | |
| | | +0.0044 | +0.0263 | 10/13/93 | 305710 | | |
| | | +0.0045 | +0.0266 | 10/27/93 | 305965 | | |
| | | -0.0086 | +0.0590 | 11/08/93 | 306348 | | |
| | | +0.0657 | +0.0633 | 11/22/93 | 306610 | | |
| | | -0.0072 | +0.0496 | 12/07/93 | 306869 | | |
| | | -0.0258 | +0.0306 | 12/22/93 | 307101 | | |
| | | GAMMA SCAN (GELI) | AC-228 | +4.7609 | +3.6358 | 10/13/93 | 305710 |
| | | | | +0.4553 | +3.1422 | 01/06/93 | 300212 |
| | | | BI-214 | +19.1650 | +4.4217 | 02/03/93 | 300745 |
| | +2.8973 | | | +2.5984 | 03/02/93 | 301287 | |
| | K-40 | | +27.0870 | +3.5785 | 03/30/93 | 301838 | |
| | | | +3.8797 | +9.0104 | 05/26/93 | 302982 | |
| | | | +1419.2000 | +96.3380 | 01/06/93 | 300212 | |
| | | | +1316.0000 | +86.6350 | 02/03/93 | 300745 | |
| | | | +1438.6000 | +105.0800 | 03/02/93 | 301287 | |
| | | | +1398.5000 | +89.8150 | 03/30/93 | 301838 | |
| | | | +1367.8000 | +84.1920 | 04/28/93 | 302427 | |
| | | | +1484.5000 | +88.7990 | 05/26/93 | 302982 | |
| | | | +1425.9000 | +92.5950 | 06/22/93 | 303578 | |
| | | | +1269.6000 | +78.1980 | 07/20/93 | 304122 | |
| | | | +1458.5000 | +102.3700 | 08/18/93 | 304631 | |
| | | | +1384.9000 | +90.8340 | 09/15/93 | 305203 | |
| | +1207.3000 | +74.9520 | 10/13/93 | 305710 | | | |
| | +1324.5000 | +87.9770 | 11/08/93 | 306348 | | | |
| | +1400.6000 | +109.2300 | 12/07/93 | 306869 | | | |
| PB-214 | +0.9570 | +2.8150 | 01/06/93 | 300212 | | | |
| | +12.6610 | +3.8343 | 02/03/93 | 300745 | | | |
| | +3.6518 | +2.3309 | 03/30/93 | 301838 | | | |
| | +0.6909 | +2.4443 | 05/26/93 | 302982 | | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN MILK
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|-----------------------------------|-----------------------------|----------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | |
| 3116 MULLINS FARM 3.7 M. ESE | GAMMA SCAN (GELI) TL-208 | +0.7917 | +1.7218 | 03/30/93 | 301838 | |
| | | +1.3527 | +1.4068 | 07/20/93 | 304122 | |
| | SR 89 | | | | | |
| | | +0.7090 | +0.7390 | 01/06/93 | 300212 | |
| | | -1.0599 | +0.8930 | 02/03/93 | 300745 | |
| | | -0.8719 | +0.6600 | 03/02/93 | 301287 | |
| | | -0.8129 | +0.7970 | 03/30/93 | 301838 | |
| | | -0.3449 | +0.9000 | 04/28/93 | 302427 | |
| | | -0.8979 | +0.6530 | 05/26/93 | 302982 | |
| | | -0.3329 | +0.6820 | 06/22/93 | 303578 | |
| | | +0.5650 | +0.8550 | 07/20/93 | 304122 | |
| | | -0.1089 | +0.6800 | 08/18/93 | 304631 | |
| | | -0.7649 | +0.7300 | 09/15/93 | 305203 | |
| | | +0.3160 | +0.5980 | 10/13/93 | 305710 | |
| | | -0.3229 | +0.7630 | 11/08/93 | 306348 | |
| | | +0.3200 | +0.7200 | 12/07/93 | 306869 | |
| | | SR 90 | | | | |
| | | | +0.1760 | +0.5810 | 01/06/93 | 300212 |
| | | | +2.2700 | +0.7470 | 02/03/93 | 300745 |
| | | | +1.9400 | +0.5610 | 03/02/93 | 301287 |
| | | +1.7800 | +0.6190 | 03/30/93 | 301838 | |
| | | +1.7000 | +0.7260 | 04/28/93 | 302427 | |
| | | +2.2100 | +0.5670 | 05/26/93 | 302982 | |
| | | +1.4100 | +0.4760 | 06/22/93 | 303578 | |
| | | +1.1600 | +0.6920 | 07/20/93 | 304122 | |
| | | +1.5800 | +0.5770 | 08/18/93 | 304631 | |
| | | +1.6900 | +0.5860 | 09/15/93 | 305203 | |
| | | +0.8140 | +0.5050 | 10/13/93 | 305710 | |
| | | +1.4700 | +0.6360 | 11/08/93 | 306348 | |
| | | +0.9700 | +0.5810 | 12/07/93 | 306869 | |
| 3119 NORTON FARM 4.1 MILES ESE | IODINE-131 | +0.0212 | +0.0474 | 06/22/93 | 303579 | |
| | | -0.0123 | +0.0301 | 06/08/93 | 303595 | |
| | | -0.0167 | +0.0461 | 07/06/93 | 303844 | |
| | | +0.0131 | +0.0571 | 07/20/93 | 304123 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN MILK
 PCI/L - 0.037 Bq/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | | |
|-----------------------------------|-----------------------|-------------------|------------|------------|----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | | |
| 3119 NORTON FARM 4.1 MILES ESE | IODINE-131 | -0.0116 | +0.0285 | 08/03/93 | 304369 | | |
| | | +0.0207 | +0.0464 | 08/17/93 | 304633 | | |
| | | +0.0187 | +0.0344 | 08/31/93 | 304893 | | |
| | | +0.0063 | +0.0374 | 09/15/93 | 305205 | | |
| | | +0.0041 | +0.0240 | 09/29/93 | 305442 | | |
| | | -0.0453 | +0.0421 | 10/13/93 | 305711 | | |
| | | +0.0345 | +0.0300 | 10/27/93 | 305966 | | |
| | | +0.0036 | +0.0582 | 11/09/93 | 306350 | | |
| | | -0.0393 | +0.0475 | 11/22/93 | 306611 | | |
| | | +0.0132 | +0.0575 | 12/07/93 | 306870 | | |
| | | -0.0133 | +0.0552 | 12/22/93 | 307102 | | |
| | | GAMMA SCAN (GELI) | | | | | |
| | | | BI-214 | +0.1529 | +1.8738 | 11/09/93 | 306350 |
| | | | K-40 | +1243.7000 | +82.8030 | 06/22/93 | 303579 |
| | | | +1404.7000 | +97.4060 | 07/20/93 | 304123 | |
| | | | +1398.8000 | +92.2740 | 08/17/93 | 304633 | |
| | | | +1258.4000 | +101.4800 | 09/15/93 | 305205 | |
| | | | +1664.5000 | +106.1200 | 10/13/93 | 305711 | |
| | | | +1331.2000 | +87.1960 | 11/09/93 | 306350 | |
| | | | +1405.9000 | +108.4300 | 12/07/93 | 306870 | |
| | | PB-214 | +1.4607 | +2.2461 | 06/22/93 | 303579 | |
| | SR 89 | | | | | | |
| | | | -0.2509 | +0.5700 | 06/22/93 | 303579 | |
| | | | -1.0899 | +0.6640 | 07/20/93 | 304123 | |
| | | | -0.9739 | +0.8650 | 08/17/93 | 304633 | |
| | | | -1.5199 | +0.9580 | 09/15/93 | 305205 | |
| | | | +0.3040 | +0.7810 | 10/13/93 | 305711 | |
| | | | +0.7950 | +0.7000 | 11/09/93 | 306350 | |
| | | | -0.0116 | +0.7930 | 12/07/93 | 306870 | |
| | SR 90 | | | | | | |
| | | | +1.2400 | +0.4050 | 06/22/93 | 303579 | |
| | | | +1.8700 | +0.5680 | 07/20/93 | 304123 | |
| | | | +2.2400 | +0.7140 | 08/17/93 | 304633 | |
| | | | +2.2500 | +0.7380 | 09/15/93 | 305205 | |
| | | | +1.2300 | +0.6430 | 10/13/93 | 305711 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN MILK
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE TERM COLLECTED LAB NO |
|-----------------------------------|---------------------------|-----------------------|--------------------|--|
| 3119 | NORTON FARM 4.1 MILES ESE | SR 90 | +1.0100 +1.1900 | +0.5870 11/09/93 306350 +0.6350 12/07/93 306870 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN WET VEGETATION
 PCI/KG - 0.037 BQ/KG (WET WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|-------------------------------------|-----------------------|-------------------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | |
| 2122 SHADDON FARM 12.0 MILES NNE | IODINE-131 | -0.2699 | +0.9800 | 01/06/93 | 300166 | |
| | | +0.4200 | +1.4100 | 02/03/93 | 300699 | |
| | | -0.2499 | +0.9100 | 03/03/93 | 301241 | |
| | | +1.7300 | +1.5500 | 03/31/93 | 301793 | |
| | | -0.0299 | +0.8800 | 04/28/93 | 302342 | |
| | | +1.4400 | +2.4100 | 05/26/93 | 302936 | |
| | | +0.6500 | +1.2000 | 06/23/93 | 303534 | |
| | | +0.8500 | +1.5600 | 07/21/93 | 304078 | |
| | | -0.7899 | +0.9400 | 08/18/93 | 304585 | |
| | | -0.8699 | +2.5900 | 09/15/93 | 305158 | |
| | | -0.6999 | +1.3900 | 10/13/93 | 305665 | |
| | | -0.3199 | +1.1400 | 11/09/93 | 306303 | |
| | | -0.2999 | +1.0600 | 12/08/93 | 306824 | |
| | | GAMMA SCAN (GELI) | | | | |
| | | AC-228 | +17.7290 | +8.5082 | 03/03/93 | 301241 |
| | | | +10.4950 | +7.6167 | 07/21/93 | 304078 |
| | | | +22.5180 | +3.8864 | 11/09/93 | 306303 |
| | | BE-7 | +1903.8000 | +104.1000 | 01/06/93 | 300166 |
| | | | +4268.7000 | +191.8700 | 02/03/93 | 300699 |
| | | | +1923.7000 | +93.1390 | 03/03/93 | 301241 |
| | | +497.6300 | +40.5470 | 03/31/93 | 301793 | |
| | | +437.9100 | +27.0460 | 04/28/93 | 302342 | |
| | | +459.5700 | +38.4380 | 05/26/93 | 302936 | |
| | | +347.5300 | +43.0580 | 06/23/93 | 303534 | |
| | | +64.3870 | +10.1480 | 07/21/93 | 304078 | |
| | | +373.6700 | +33.8820 | 08/18/93 | 304585 | |
| | | +158.3400 | +24.1270 | 09/15/93 | 305158 | |
| | | +455.0200 | +35.1550 | 10/13/93 | 305665 | |
| | | +759.1100 | +52.8630 | 11/09/93 | 306303 | |
| | | +1963.5000 | +120.9700 | 12/08/93 | 306824 | |
| | BI-212 | +61.5250 | +15.9520 | 05/26/93 | 302936 | |
| | BI-214 | +33.7120 | +5.3504 | 01/06/93 | 300166 | |
| | | +249.8100 | +21.0040 | 02/03/93 | 300699 | |
| | | +8.7272 | +3.8528 | 03/03/93 | 301241 | |
| | | +3.2022 | +4.0915 | 03/31/93 | 301793 | |
| | | +30.6410 | +4.2681 | 04/28/93 | 302342 | |
| | | +12.5520 | +4.7027 | 05/26/93 | 302936 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN WET VEGETATION
 PCI/KG - 0.037 BQ/KG (WET WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | |
|-------------------------------------|-----------------------------|------------|------------|-----------|----------|
| | | | TERM | COLLECTED | LAB NO |
| 2122 SHADDON FARM 12.0 MILES NNE | GAMMA SCAN (GELI) BI-214 | +16.8990 | +6.0056 | 09/15/93 | 305158 |
| | | +19.8410 | +7.2264 | 10/13/93 | 305665 |
| | +6.9533 | +5.4679 | 12/08/93 | 306824 | |
| | K-40 | +4796.5000 | +262.3200 | 01/06/93 | 300166 |
| | | +6718.9000 | +425.2700 | 02/03/93 | 300699 |
| | | +2405.7000 | +129.1600 | 03/03/93 | 301241 |
| | | +5842.5000 | +281.7200 | 03/31/93 | 301793 |
| | | +5105.1000 | +243.0700 | 04/28/93 | 302342 |
| | | +4353.1000 | +214.9200 | 05/26/93 | 302936 |
| | | +4685.7000 | +248.6500 | 06/23/93 | 303534 |
| | | +4687.2000 | +209.8500 | 07/21/93 | 304078 |
| | | +4759.2000 | +238.4500 | 08/18/93 | 304585 |
| | | +4573.7000 | +254.9300 | 09/15/93 | 305158 |
| | | +6013.7000 | +665.7200 | 10/13/93 | 305665 |
| | | +6511.9000 | +339.0500 | 11/09/93 | 306303 |
| | | +6543.5000 | +324.2300 | 12/08/93 | 306824 |
| | PB-212 | +12.7080 | +3.9501 | 01/06/93 | 300166 |
| | | +14.1050 | +7.5443 | 02/03/93 | 300699 |
| | | +0.0609 | +1.7824 | 04/28/93 | 302342 |
| | | +8.8623 | +3.0563 | 05/26/93 | 302936 |
| | | +4.7468 | +2.9459 | 06/23/93 | 303534 |
| | | +1.3853 | +3.7245 | 08/18/93 | 304585 |
| | | +6.0896 | +3.5869 | 09/15/93 | 305158 |
| | | +3.4180 | +2.6160 | 10/13/93 | 305665 |
| | | +0.4464 | +3.3799 | 12/08/93 | 306824 |
| | | PB-214 | +23.6350 | +4.6745 | 01/06/93 |
| | +183.9400 | | +15.3390 | 02/03/93 | 300699 |
| | +5.7860 | | +3.1890 | 03/03/93 | 301241 |
| | +3.8652 | | +5.1704 | 03/31/93 | 301793 |
| | +30.4150 | | +3.3391 | 04/28/93 | 302342 |
| | +1.2081 | | +4.8625 | 05/26/93 | 302936 |
| | +11.0800 | | +5.2138 | 10/13/93 | 305665 |
| | TL-208 | +3.4770 | +2.5422 | 12/08/93 | 306824 |
| | | +2.3580 | +2.6525 | 01/06/93 | 300166 |
| | | +8.1947 | +4.7388 | 02/03/93 | 300699 |
| | SR 89 | +4.9056 | +2.1681 | 05/26/93 | 302936 |
| | | -2.8199 | +3.4300 | 03/03/93 | 301241 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN WET VEGETATION
 PCI/KG - 0.037 BQ/KG (WET WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | | |
|-------------------------------------|-----------------------|----------------------------------|---------------------------|-----------|----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | | |
| 2122 SHADDON FARM 12.0 MILES NNE | SR 89 | -4.7299 | +8.1700 | 05/26/93 | 302936 | | |
| | | -15.1799 | +8.4500 | 08/18/93 | 304585 | | |
| | | -6.6199 | +8.5500 | 11/09/93 | 306303 | | |
| | SR 90 | +10.0800 | +2.5500 | 03/03/93 | 301241 | | |
| | | +14.7900 | +5.0600 | 05/26/93 | 302936 | | |
| | | +31.7700 | +5.2500 | 08/18/93 | 304585 | | |
| | | +30.4000 | +5.4000 | 11/09/93 | 306303 | | |
| | | 3115 LAYMAN FARM 1.3 MILES SW | GAMMA SCAN (GELI) BE-7 | +635.8800 | +41.7670 | 03/02/93 | 301286 |
| | | | | +515.9500 | +36.3950 | 05/25/93 | 302980 |
| | | | | +300.4700 | +29.8960 | 08/17/93 | 304630 |
| +1038.4000 | +77.4360 | | | 11/08/93 | 306347 | | |
| +9.0841 | +3.8147 | | | 03/02/93 | 301286 | | |
| BI-214 | +20.5850 | | +5.5126 | 05/25/93 | 302980 | | |
| | +2.0275 | | +6.0517 | 08/17/93 | 304630 | | |
| | +13.7990 | | +5.7883 | 11/08/93 | 306347 | | |
| K-40 | +5229.1000 | | +258.6100 | 03/02/93 | 301286 | | |
| | +3601.4000 | | +197.5900 | 05/25/93 | 302980 | | |
| | +4447.4000 | +228.7400 | 08/17/93 | 304630 | | | |
| PB-214 | +7316.8000 | +358.9100 | 11/08/93 | 306347 | | | |
| | +6.0060 | +3.4067 | 03/02/93 | 301286 | | | |
| | +16.0120 | +3.8525 | 05/25/93 | 302980 | | | |
| SR 89 | +2.3768 | +4.1735 | 11/08/93 | 306347 | | | |
| | -1.1799 | +3.1900 | 03/02/93 | 301286 | | | |
| SR 90 | +4.8600 | +4.9100 | 05/25/93 | 302980 | | | |
| | +7.1500 | +6.3300 | 08/17/93 | 304630 | | | |
| | +0.5760 | +7.7900 | 11/08/93 | 306347 | | | |
| | +4.6500 | +2.1400 | 03/02/93 | 301286 | | | |
| | +4.4000 | +2.8500 | 05/25/93 | 302980 | | | |
| | +5.8100 | +2.8800 | 08/17/93 | 304630 | | | |
| | +12.5700 | +3.9800 | 11/08/93 | 306347 | | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN WET VEGETATION
 PCI/KG - 0.037 BQ/KG (WET WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | | |
|-----------------------------------|-----------------------|----------|------------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | | |
| 3116 MULLINS FARM 3.7 M. ESE | GAMMA SCAN (GELI) | BE-7 | +2153.1000 | +117.9600 | 03/02/93 | 301288 | |
| | | | +834.5700 | +49.3670 | 05/26/93 | 302983 | |
| | | | +775.7900 | +49.5170 | 08/18/93 | 304632 | |
| | | | +1375.3000 | +74.0720 | 11/08/93 | 306349 | |
| | | | BI-214 | +55.6880 | +6.0789 | 03/02/93 | 301288 |
| | | | | +21.2060 | +3.8860 | 05/26/93 | 302983 |
| | | | | +5.2015 | +4.7770 | 08/18/93 | 304632 |
| | | | | +10.0750 | +22.5950 | 11/08/93 | 306349 |
| | | | K-40 | +2280.5000 | +134.4100 | 03/02/93 | 301288 |
| | | | | +2757.8000 | +144.6900 | 05/26/93 | 302983 |
| | | | | +4166.5000 | +210.1400 | 08/18/93 | 304632 |
| | | | | +6333.2000 | +345.0600 | 11/08/93 | 306349 |
| | | | PB-212 | +4.4476 | +3.0791 | 03/02/93 | 301288 |
| | | | | +5.2552 | +2.9918 | 05/26/93 | 302983 |
| | | | PB-214 | +3.3934 | +1.8853 | 08/18/93 | 304632 |
| | | | | +48.5290 | +4.8356 | 03/02/93 | 301288 |
| | | | TL-208 | +18.1600 | +3.7170 | 05/26/93 | 302983 |
| | | | | +6.4572 | +2.8549 | 08/18/93 | 304632 |
| | | | | +0.2958 | +1.3318 | 05/26/93 | 302983 |
| | | | SR 89 | +0.7967 | +1.2461 | 08/18/93 | 304632 |
| | | | | +0.6930 | +3.6500 | 03/02/93 | 301288 |
| | | | | +0.8940 | +3.5100 | 05/26/93 | 302983 |
| | | | | +5.3500 | +6.2200 | 08/18/93 | 304632 |
| | | | | -8.1899 | +7.7800 | 11/08/93 | 306349 |
| SR 90 | +8.6000 | +2.6800 | 03/02/93 | 301288 | | | |
| | +3.3800 | +2.0600 | 05/26/93 | 302983 | | | |
| | +4.7000 | +2.8300 | 08/18/93 | 304632 | | | |
| | +13.4100 | +4.0000 | 11/08/93 | 306349 | | | |
| | | | | | | | |
| 3119 NORTON FARM 4.1 MILES ESE | GAMMA SCAN (GELI) | BE-7 | +301.3500 | +29.7210 | 08/17/93 | 304634 | |
| | | | +1386.9000 | +73.7740 | 11/09/93 | 306351 | |
| | | | +39.6420 | +7.8253 | 08/17/93 | 304634 | |
| | | | K-40 | +5033.8000 | +323.1400 | 08/17/93 | 304634 |
| | | | | | | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN WET VEGETATION
 PCI/KG - 0.037 BQ/KG (WET WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | |
|-----------------------------------|-----------------------|------------|-----------------|------------------|
| | | | TERM | COLLECTED LAB NO |
| 3119 NORTON FARM 4.1 MILES ESE | GAMMA SCAN (GELI) | | | |
| | K-40 | +4908.1000 | +265.8100 | 11/09/93 306351 |
| | PB-212 | +12.2450 | +4.3263 | 08/17/93 304634 |
| | PB-214 | +28.7180 | +6.1054 | 08/17/93 304634 |
| | TL-208 | +6.5349 | +2.5501 | 08/17/93 304634 |
| | SR 89 | | | |
| | | +8.0300 | +7.3700 | 08/17/93 304634 |
| | | -1.3299 | +8.1100 | 11/09/93 306351 |
| | SR 90 | | | |
| | | +11.7700 | +3.5600 | 08/17/93 304634 |
| | +17.8100 | +4.3600 | 11/09/93 306351 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN SOIL
 PCI/GM - 0.037 BQ/G (DRY WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | |
|--|-----------------------|----------|------------|-----------|--------|
| | | | TERM | COLLECTED | LAB NO |
| 2116 RM-2 DAYTON TN 17.75 MILES NNE | GAMMA SCAN (GELI) | | | | |
| | AC-228 | +1.3634 | +0.0714 | 05/11/93 | 302647 |
| | | +1.2488 | +0.0765 | 06/08/93 | 303211 |
| | BI-212 | +1.3469 | +0.1089 | 05/11/93 | 302647 |
| | | +1.3685 | +0.1059 | 06/08/93 | 303211 |
| | BI-214 | +1.2691 | +0.0619 | 05/11/93 | 302647 |
| | | +1.0364 | +0.0543 | 06/08/93 | 303211 |
| | CS-137 | +0.1349 | +0.0099 | 05/11/93 | 302647 |
| | | +0.1216 | +0.0105 | 06/08/93 | 303211 |
| | K-40 | +8.6017 | +0.3862 | 05/11/93 | 302647 |
| | | +7.5741 | +0.4282 | 06/08/93 | 303211 |
| | PB-212 | +1.2690 | +0.0595 | 05/11/93 | 302647 |
| | | +1.2011 | +0.0546 | 06/08/93 | 303211 |
| | PB-214 | +1.3730 | +0.0642 | 05/11/93 | 302647 |
| | | +1.1422 | +0.0535 | 06/08/93 | 303211 |
| | RA-224 | +1.4112 | +0.1708 | 05/11/93 | 302647 |
| | | +1.2624 | +0.1486 | 06/08/93 | 303211 |
| | RA-226 | +1.2691 | +0.0619 | 05/11/93 | 302647 |
| | | +1.0364 | +0.0543 | 06/08/93 | 303211 |
| | TL-208 | +0.4340 | +0.0235 | 05/11/93 | 302647 |
| | +0.4100 | +0.0619 | 06/08/93 | 303211 | |
| SR 89 | | | | | |
| | | +0.1350 | +0.2360 | 05/11/93 | 302647 |
| | | +0.0668 | +0.2290 | 06/08/93 | 303211 |
| SR 90 | | | | | |
| | | -0.0429 | +0.1150 | 05/11/93 | 302647 |
| | | -0.0149 | +0.1150 | 06/08/93 | 303211 |
| 3101 LM1 ENV DATA STA 0.5 MILES SSW | GAMMA SCAN (GELI) | | | | |
| | AC-228 | +1.2788 | +0.0824 | 06/08/93 | 303245 |
| | BE-7 | +0.1429 | +0.0314 | 06/08/93 | 303245 |
| | BI-212 | +1.2825 | +0.1034 | 06/08/93 | 303245 |
| | BI-214 | +0.8560 | +0.0380 | 06/08/93 | 303245 |
| | CS-137 | +0.1288 | +0.0107 | 06/08/93 | 303245 |
| | K-40 | +14.3150 | +0.6243 | 06/08/93 | 303245 |
| | PB-212 | +1.1822 | +0.0557 | 06/08/93 | 303245 |
| | PB-214 | +0.9436 | +0.0474 | 06/08/93 | 303245 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN SOIL
 PCI/GM - 0.037 BQ/G (DRY WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|-------------------------------------|-----------------------|----------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | |
| 3101 LM1 ENV DATA STA 0.5 MILES SSW | GAMMA SCAN (GELI) | | | | | |
| | RA-224 | +1.1773 | +0.1455 | 06/08/93 | 303245 | |
| | RA-226 | +0.8560 | +0.0380 | 06/08/93 | 303245 | |
| | TL-208 | +0.4002 | +0.0186 | 06/08/93 | 303245 | |
| | SR 89 | | | | | |
| | | | +0.0098 | +0.2450 | 06/08/93 | 303245 |
| | SR 90 | | | | | |
| | | | +0.0832 | +0.1240 | 06/08/93 | 303245 |
| | | | | | | |
| | | | | | | |
| 3102 LM2 N. WBSP GATE 0.5 MILES N | GAMMA SCAN (GELI) | | | | | |
| | AC-228 | +1.0952 | +0.0572 | 06/08/93 | 303249 | |
| | BI-212 | +1.0965 | +0.0889 | 06/08/93 | 303249 | |
| | BI-214 | +0.7410 | +0.0404 | 06/08/93 | 303249 | |
| | CS-137 | +0.4107 | +0.0248 | 06/08/93 | 303249 | |
| | K-40 | +12.2350 | +0.5559 | 06/08/93 | 303249 | |
| | PB-212 | +1.0056 | +0.0495 | 06/08/93 | 303249 | |
| | PB-214 | +0.8088 | +0.0412 | 06/08/93 | 303249 | |
| | RA-224 | +1.6269 | +0.1524 | 06/08/93 | 303249 | |
| | RA-226 | +0.7410 | +0.0404 | 06/08/93 | 303249 | |
| | TL-208 | +0.3394 | +0.0167 | 06/08/93 | 303249 | |
| | SR 89 | | | | | |
| | | | -0.1999 | +0.2340 | 06/08/93 | 303249 |
| | SR 90 | | | | | |
| | | +0.1590 | +0.1200 | 06/08/93 | 303249 | |
| 3106 PM2 SPRING CITY 7.0 MILES NW | GAMMA SCAN (GELI) | | | | | |
| | AC-228 | +1.3053 | +0.0744 | 06/08/93 | 303252 | |
| | BI-212 | +1.2968 | +0.1057 | 06/08/93 | 303252 | |
| | BI-214 | +1.0365 | +0.0512 | 06/08/93 | 303252 | |
| | CS-137 | +0.1176 | +0.0082 | 06/08/93 | 303252 | |
| | K-40 | +7.9694 | +0.4784 | 06/08/93 | 303252 | |
| | PB-212 | +1.1731 | +0.0520 | 06/08/93 | 303252 | |
| | PB-214 | +1.1044 | +0.0505 | 06/08/93 | 303252 | |
| | RA-224 | +1.2428 | +0.1398 | 06/08/93 | 303252 | |
| | RA-226 | +1.0365 | +0.0512 | 06/08/93 | 303252 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN SOIL
 PCI/GM - 0.037 BQ/G (DRY WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|--|-----------------------------|----------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | |
| 3106 PM2 SPRING CITY 7.0 MILES NW | GAMMA SCAN (GELI) TL-208 | +0.4049 | +0.0217 | 06/08/93 | 303252 | |
| | SR 89 | | | | | |
| | | +0.0467 | +0.2610 | 06/08/93 | 303252 | |
| | SR 90 | | | | | |
| | | +0.0618 | +0.1300 | 06/08/93 | 303252 | |
| 3107 PM3 CEDINE BIBLE CAMP 11.5 M. NNE | GAMMA SCAN (GELI) AC-228 | +1.1310 | +0.0650 | 06/08/93 | 303255 | |
| | BE-7 | +0.1371 | +0.0531 | 06/08/93 | 303255 | |
| | BI-212 | +1.1628 | +0.0904 | 06/08/93 | 303255 | |
| | BI-214 | +0.8496 | +0.0410 | 06/08/93 | 303255 | |
| | CS-137 | +0.2296 | +0.0132 | 06/08/93 | 303255 | |
| | K-40 | +9.0974 | +0.3946 | 06/08/93 | 303255 | |
| | PB-212 | +1.0465 | +0.0541 | 06/08/93 | 303255 | |
| | PB-214 | +0.8946 | +0.0406 | 06/08/93 | 303255 | |
| | RA-224 | +1.1774 | +0.1533 | 06/08/93 | 303255 | |
| | RA-226 | +0.8496 | +0.0410 | 06/08/93 | 303255 | |
| | TL-208 | +0.3751 | +0.0196 | 06/08/93 | 303255 | |
| | SR 89 | | | | | |
| | | | -0.2889 | +0.2590 | 06/08/93 | 303255 |
| | SR 90 | | | | | |
| | | +0.2250 | +0.1330 | 06/08/93 | 303255 | |
| 3108 PM-4 TEN MILE 7.8 M. NE/ENE | GAMMA SCAN (GELI) AC-228 | +1.3865 | +0.0792 | 06/09/93 | 303259 | |
| | BE-7 | +0.1426 | +0.0373 | 06/09/93 | 303259 | |
| | BI-212 | +1.6653 | +0.1204 | 06/09/93 | 303259 | |
| | BI-214 | +0.6125 | +0.0312 | 06/09/93 | 303259 | |
| | K-40 | +18.9760 | +0.7436 | 06/09/93 | 303259 | |
| | PB-212 | +1.3624 | +0.0586 | 06/09/93 | 303259 | |
| | PB-214 | +0.6758 | +0.0362 | 06/09/93 | 303259 | |
| | RA-224 | +1.3237 | +0.1417 | 06/09/93 | 303259 | |
| | RA-226 | +0.6125 | +0.0312 | 06/09/93 | 303259 | |
| | TL-208 | +0.4790 | +0.0243 | 06/09/93 | 303259 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN SOIL
 PCI/GM - 0.037 BQ/G (DRY WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | |
|-------------------------------------|-----------------------|----------|----------------|-----------------|
| | | | TERM COLLECTED | LAB NO |
| 3108 PM-4 TEN MILE 7.8 M. NE/ENE | SR 89 | | | |
| | | +0.1520 | +0.3400 | 06/09/93 303259 |
| | SR 90 | | | |
| 3109 PM5 DECATUR 6.25 MILES S | GAMMA SCAN (GELI) | | | |
| | AC-228 | +1.2293 | +0.0773 | 06/09/93 303262 |
| | BI-212 | +1.3250 | +0.1096 | 06/09/93 303262 |
| | BI-214 | +0.8809 | +0.0453 | 06/09/93 303262 |
| | CS-137 | +0.2791 | +0.0217 | 06/09/93 303262 |
| | K-40 | +5.4444 | +0.3637 | 06/09/93 303262 |
| | PB-212 | +1.1877 | +0.0570 | 06/09/93 303262 |
| | PB-214 | +0.9184 | +0.0465 | 06/09/93 303262 |
| | RA-224 | +1.3776 | +0.1790 | 06/09/93 303262 |
| | RA-226 | +0.8809 | +0.0453 | 06/09/93 303262 |
| | TL-208 | +0.4176 | +0.0217 | 06/09/93 303262 |
| | SR 89 | | | |
| | | +0.0107 | +0.3290 | 06/09/93 303262 |
| | SR 90 | | | |
| | | +0.0887 | +0.1310 | 06/09/93 303262 |
| 3203 LM-3 WB 2.1 MILES NNE | GAMMA SCAN (GELI) | | | |
| | AC-228 | +1.5263 | +0.0936 | 06/08/93 303269 |
| | BI-212 | +1.6885 | +0.1058 | 06/08/93 303269 |
| | BI-214 | +0.8674 | +0.0401 | 06/08/93 303269 |
| | CS-137 | +0.0339 | +0.0056 | 06/08/93 303269 |
| | K-40 | +7.2415 | +0.3791 | 06/08/93 303269 |
| | PB-212 | +1.3802 | +0.0636 | 06/08/93 303269 |
| | PB-214 | +0.9392 | +0.0406 | 06/08/93 303269 |
| | RA-224 | +1.3877 | +0.1698 | 06/08/93 303269 |
| | RA-226 | +0.8674 | +0.0401 | 06/08/93 303269 |
| | TL-208 | +0.4852 | +0.0234 | 06/08/93 303269 |
| | SR 89 | | | |
| | | +0.0759 | +0.3530 | 06/08/93 303269 |
| | SR 90 | | | |
| | | +0.0283 | +0.1370 | 06/08/93 303269 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN SOIL
 PCI/GM - 0.037 BQ/G (DRY WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|-----------------------------------|-----------------------|----------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | |
| 3204 LM-4 WB 0.9 MILES SE | GAMMA SCAN (GELI) | | | | | |
| | AC-228 | +1.2907 | +0.0702 | 06/08/93 | 303273 | |
| | BI-212 | +1.3500 | +0.1253 | 06/08/93 | 303273 | |
| | BI-214 | +0.7992 | +0.0400 | 06/08/93 | 303273 | |
| | CS-137 | +0.0372 | +0.0040 | 06/08/93 | 303273 | |
| | K-40 | +22.6900 | +0.9980 | 06/08/93 | 303273 | |
| | PB-212 | +1.2514 | +0.0540 | 06/08/93 | 303273 | |
| | PB-214 | +0.8644 | +0.0382 | 06/08/93 | 303273 | |
| | RA-224 | +1.8439 | +0.1624 | 06/08/93 | 303273 | |
| | RA-226 | +0.7992 | +0.0400 | 06/08/93 | 303273 | |
| | TL-208 | +0.4159 | +0.0217 | 06/08/93 | 303273 | |
| | SR 89 | | | | | |
| | | | -0.1299 | +0.3590 | 06/08/93 | 303273 |
| | SR 90 | | | | | |
| | | +0.0289 | +0.1200 | 06/08/93 | 303273 | |
| 3205 RM-3 WB 15 MILES NNW | GAMMA SCAN (GELI) | | | | | |
| | AC-228 | +1.1943 | +0.0832 | 06/08/93 | 303276 | |
| | BI-212 | +1.2535 | +0.1243 | 06/08/93 | 303276 | |
| | BI-214 | +0.9119 | +0.0518 | 06/08/93 | 303276 | |
| | CS-137 | +0.1204 | +0.0096 | 06/08/93 | 303276 | |
| | K-40 | +14.1600 | +0.6200 | 06/08/93 | 303276 | |
| | PB-212 | +1.2018 | +0.0564 | 06/08/93 | 303276 | |
| | PB-214 | +1.0389 | +0.0486 | 06/08/93 | 303276 | |
| | RA-224 | +1.4093 | +0.2656 | 06/08/93 | 303276 | |
| | RA-226 | +0.9119 | +0.0518 | 06/08/93 | 303276 | |
| | TL-208 | +0.4065 | +0.0228 | 06/08/93 | 303276 | |
| | SR 89 | | | | | |
| | | | +0.0174 | +0.3580 | 06/08/93 | 303276 |
| | SR 90 | | | | | |
| | | +0.0743 | +0.1280 | 06/08/93 | 303276 | |

TENNESSEE VALLEY AUTHORITY
TECHNICAL PROGRAMS
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WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
RADIOACTIVITY IN APPLES
PCI/KG - 0.037 BQ/KG (WET WT)
12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE TERM COLLECTED LAB NO |
|--|---------------------------|------------|-------------------------------------|
| 2116 RM-2 DAYTON TN 17.75 MILES NNE | GAMMA SCAN (GELI) K-40 | +596.5800 | +93.9520 09/21/93 302324 |
| 3184 4.5 MILES N | GAMMA SCAN (GELI) K-40 | +1110.6000 | +125.8100 08/17/93 302404 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN BEEF
 PCI/KG - 0.037 BQ/KG (WET WT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | |
|--|---------------------------|------------|------------|------------------|
| | | | TERM | COLLECTED LAB NO |
| 2116 RM-2 DAYTON TN 17.75 MILES NNE | GAMMA SCAN (GELI) K-40 | +5926.7000 | +375.0200 | 12/07/93 302395 |
| 3119 NORTON FARM 4.1 MILES ESE | GAMMA SCAN (GELI) | | | |
| | BI-214 | +0.0098 | +0.0084 | 11/09/93 302394 |
| | K-40 | +8.9263 | +0.6064 | 11/09/93 302394 |
| | PB-214 | +0.0067 | +0.0091 | 11/09/93 302394 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROJECTS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CABBAGE
 PCI/KG - 0.037 BQ/KG (WET WT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE TERM COLLECTED LAB NO |
|-----------------------------------|-----------------|-------------------------------------|-----------------------|--|
| 2116 RM-2 DAYTON TN | 17.75 MILES NNE | GAMMA SCAN (GELI) K-40 | +1123.5000 | +114.9400 07/06/93 302314 |
| 3115 LAYMAN FARM | 1.3 MILES SW | GAMMA SCAN (GELI) K-40 PB-212 | +1582.9000 +0.2319 | +153.2400 07/07/93 302399 +6.6949 07/07/93 302399 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN GREEN BEANS
 PCI/KG - 0.037 BQ/KG (WET WT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | |
|--|---------------------------|------------|------------|------------------|
| | | | TERM | COLLECTED LAB NO |
| 2116 RM-2 DAYTON TN 17.75 MILES NNE | GAMMA SCAN (GELI) K-40 | +2080.0000 | +147.0300 | 07/06/93 302322 |
| 3115 LAYMAN FARM 1.3 MILES SW | GAMMA SCAN (GELI) K-40 | +1613.7000 | +122.9800 | 07/07/93 302402 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN TOMATOES
 PCI/KG - 0.037 BQ/KG (WET WT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR TERM | DATE COLLECTED | LAB NO |
|-----------------------------------|---------------------------|---------------------------|------------|------------|----------------|--------|
| 2116 RM-2 | DAYTON TN 17.75 MILES NNE | GAMMA SCAN (GELI) K-40 | +2303.2000 | +192.6500 | 07/20/93 | 302320 |
| 3115 LAYMAN FARM | 1.3 MILES SW | GAMMA SCAN (GELI) K-40 | +2706.6000 | +196.1800 | 07/20/93 | 302403 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CONTIN. SURFACE WATER(Total)
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR TERM | DATE COLLECTED | LAB NO | |
|-----------------------------------|-----------------------|----------------------|------------|----------------|----------|---------|
| 3133 TRM 529.3 | 1.5 MILES UPSTREAM | GROSS BETA | +2.3973 | +0.6132 | 01/05/93 | 300214 |
| | | | +2.8878 | +0.6382 | 02/02/93 | 300747 |
| | | | +1.8300 | +0.5760 | 03/02/93 | 301290 |
| | | | +2.8750 | +0.6351 | 03/30/93 | 301840 |
| | | | +2.5064 | +0.6181 | 04/27/93 | 302429 |
| | | | +1.7361 | +0.5761 | 05/25/93 | 302985 |
| | | | +2.2097 | +0.6095 | 07/20/93 | 304125 |
| | | | +3.7086 | +0.7410 | 08/17/93 | 304636 |
| | | | +2.2293 | +0.6022 | 09/14/93 | 305207 |
| | | | +1.5034 | +0.5883 | 10/12/93 | 305713 |
| | | | +3.4101 | +0.6762 | 11/08/93 | 306353 |
| | | | +1.5691 | +0.5784 | 12/07/93 | 306872 |
| | | | | IODINE-131 | +0.0348 | +0.1165 |
| +0.1358 | +0.1218 | 02/02/93 | | | 300747 | |
| +0.0539 | +0.0990 | 03/02/93 | | | 301290 | |
| +0.1933 | +0.1375 | 03/30/93 | | | 301840 | |
| -0.0626 | +0.0747 | 04/27/93 | | | 302429 | |
| +0.0963 | +0.1110 | 05/25/93 | | | 302985 | |
| +0.1669 | +0.1474 | 06/22/93 | | | 303581 | |
| +0.1246 | +0.1082 | 07/20/93 | | | 304125 | |
| +0.1177 | +0.1802 | 08/17/93 | | | 304636 | |
| -0.1939 | +0.1445 | 09/14/93 | | | 305207 | |
| -0.0223 | +0.0800 | 10/12/93 | | | 305713 | |
| +0.0291 | +0.1720 | 11/08/93 | | | 306353 | |
| +0.0841 | +0.1883 | 12/07/93 | | | 306872 | |
| | GAMMA SCAN (GELI) | NO ACTIVITY DETECTED | | 03/30/93 | 301840 | |
| | | NO ACTIVITY DETECTED | | 06/22/93 | 303581 | |
| | | NO ACTIVITY DETECTED | | 08/17/93 | 304636 | |
| | | NO ACTIVITY DETECTED | | 09/14/93 | 305207 | |
| | | NO ACTIVITY DETECTED | | 10/12/93 | 305713 | |
| AC-228 | | +2.5965 | +4.2407 | 01/05/93 | 300214 | |
| | | +2.7952 | +3.1045 | 05/25/93 | 302985 | |
| BI-214 | | +0.0583 | +2.9450 | 01/05/93 | 300214 | |
| | | +7.4864 | +3.2620 | 02/02/93 | 300747 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CONTIN. SURFACE WATER(Total)
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO | |
|---------------------------------------|-----------------------------|-----------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | | |
| 3133 TRM 529.3 1.5 MILES UPSTREAM | GAMMA SCAN (GELI) BI-214 | +4.2333 | +2.9981 | 03/02/93 | 301290 | |
| | | +12.6750 | +9.9290 | 04/27/93 | 302429 | |
| | +7.0857 | +2.6611 | 05/25/93 | 302985 | | |
| | +3.6564 | +3.3267 | 07/20/93 | 304125 | | |
| | K-40 | +10.2650 | +18.0810 | 01/05/93 | 300214 | |
| | | +2.4164 | +18.3150 | 04/27/93 | 302429 | |
| | | +14.1520 | +14.4520 | 12/07/93 | 306872 | |
| | PB-212 | +0.9069 | +1.8998 | 04/27/93 | 302429 | |
| | | +1.0641 | +1.7933 | 05/25/93 | 302985 | |
| | | +2.9482 | +3.3072 | 11/08/93 | 306353 | |
| | PB-214 | +6.4647 | +3.9066 | 02/02/93 | 300747 | |
| | | +1.7695 | +1.9656 | 05/25/93 | 302985 | |
| | SR 89 | | +2.6800 | +1.5300 | 03/02/93 | 301304 |
| | | | +0.6600 | +1.2900 | 05/25/93 | 302999 |
| | | | -2.3699 | +1.4000 | 08/17/93 | 304650 |
| | | | +0.2600 | +1.1800 | 12/07/93 | 306886 |
| | SR 90 | | -0.9209 | +0.6840 | 03/02/93 | 301304 |
| | | | -0.2979 | +0.5880 | 05/25/93 | 302999 |
| | | | +1.0200 | +0.6560 | 08/17/93 | 304650 |
| | | | -0.3449 | +0.5470 | 12/07/93 | 306886 |
| TRITIUM | | +208.1100 | +53.4000 | 03/02/93 | 301304 | |
| | | +112.5500 | +63.5600 | 05/25/93 | 302999 | |
| | | +117.8700 | +63.6400 | 08/17/93 | 304650 | |
| | | +0.0000 | +88.0100 | 12/07/93 | 306886 | |
| 3134 TRM 517.9 9.9 MILES DOWNSTREA | GROSS BETA | +2.1894 | +0.6023 | 01/05/93 | 300216 | |
| | | +2.4245 | +0.6080 | 02/02/93 | 300749 | |
| | | +2.6728 | +0.6239 | 03/02/93 | 301292 | |
| | | +2.1807 | +0.6009 | 03/30/93 | 301842 | |
| | | +2.0488 | +0.5887 | 04/27/93 | 302431 | |
| | | +1.0103 | +0.5320 | 05/25/93 | 302987 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CONTIN. SURFACE WATER(Total)
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR TERM | DATE COLLECTED | LAB NO | | |
|-----------------------------------|---------------------------------|-------------------|----------------------|----------------|----------|----------|--------|
| 3134 TRM 517.9 | 9.9 MILES DOWNSTREAM GROSS BETA | +3.5548 | +0.6831 | 06/22/93 | 303583 | | |
| | | +2.0924 | +0.6011 | 07/20/93 | 304127 | | |
| | | +3.3051 | +0.7214 | 08/17/93 | 304638 | | |
| | | +3.1837 | +0.6572 | 09/14/93 | 305209 | | |
| | | +5.4494 | +0.8006 | 10/12/93 | 305715 | | |
| | | +1.6640 | +0.5822 | 11/08/93 | 306355 | | |
| | | +2.1542 | +0.6075 | 12/07/93 | 306874 | | |
| | | GAMMA SCAN (GELI) | NO ACTIVITY DETECTED | | | 04/27/93 | 302431 |
| | | | NO ACTIVITY DETECTED | | | 08/17/93 | 304638 |
| | | | NO ACTIVITY DETECTED | | | 09/14/93 | 305209 |
| | | | NO ACTIVITY DETECTED | | | 10/12/93 | 305715 |
| | | | NO ACTIVITY DETECTED | | | 12/07/93 | 306874 |
| | AC-228 | | +5.3885 | +4.3013 | 05/25/93 | 302987 | |
| | | | +4.9130 | +3.3647 | 01/05/93 | 300216 | |
| | | | +17.4670 | +11.6100 | 02/02/93 | 300749 | |
| | BI-214 | | +28.6600 | +7.3255 | 03/02/93 | 301292 | |
| | | | +4.6968 | +5.5938 | 03/30/93 | 301842 | |
| | | | +3.1922 | +3.3357 | 05/25/93 | 302987 | |
| | | | +3.6819 | +2.9585 | 06/22/93 | 303583 | |
| | | | +0.9678 | +2.8848 | 07/20/93 | 304127 | |
| | | | +5.9861 | +3.3761 | 11/08/93 | 306355 | |
| | | | K-40 | +5.0395 | +14.8300 | 02/02/93 | 300749 |
| | | +13.6810 | | +45.6610 | 03/30/93 | 301842 | |
| | | +8.1110 | | +17.5410 | 07/20/93 | 304127 | |
| | | PB-214 | +4.1936 | +13.5750 | 11/08/93 | 306355 | |
| | | | +3.7061 | +3.3507 | 01/05/93 | 300216 | |
| | | | +1.3224 | +2.9415 | 02/02/93 | 300749 | |
| +4.7812 | +6.2915 | | 03/02/93 | 301292 | | | |
| SR 89 | +2.9524 | +2.5471 | 07/20/93 | 304127 | | | |
| | -0.8249 | +1.3800 | 03/02/93 | 301305 | | | |
| | -0.5639 | +1.4600 | 05/25/93 | 303000 | | | |
| | -0.1229 | +1.0900 | 08/17/93 | 304651 | | | |
| SR 90 | -1.0399 | +1.3700 | 12/07/93 | 306887 | | | |
| | +0.2440 | +0.6360 | 03/02/93 | 301305 | | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CONTIN. SURFACE WATER(Total)
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR TERM | DATE COLLECTED | LAB NO | | |
|-----------------------------------|---------------------------|----------------------|--------------------------------|----------------|----------|----------|--------|
| 3134 TRM 517.9 | 9.9 MILES DOWNSTREA SR 90 | +0.5400 | +0.6780 | 05/25/93 | 303000 | | |
| | | +0.3640 | +0.5090 | 08/17/93 | 304651 | | |
| | | +0.4560 | +0.6460 | 12/07/93 | 306887 | | |
| | TRITIUM | | +108.5100 | +54.8300 | 03/02/93 | 301305 | |
| | | | +108.8800 | +63.5100 | 05/25/93 | 303000 | |
| | | | +36.9300 | +62.7000 | 08/17/93 | 304651 | |
| | | | +125.3600 | +89.9900 | 12/07/93 | 306887 | |
| | | 3135 TRM 523.1 | 4.7 MILES DOWNSTREA GROSS BETA | +2.6064 | +0.6250 | 01/05/93 | 300217 |
| | | | | +2.8714 | +0.6345 | 02/02/93 | 300750 |
| | | | | +2.1454 | +0.5939 | 03/02/93 | 301293 |
| +2.2679 | +0.6129 | | | 03/30/93 | 301843 | | |
| +2.2221 | +0.6006 | | | 04/27/93 | 302432 | | |
| +3.2560 | +0.6555 | | | 05/25/93 | 302988 | | |
| +2.0951 | +0.6025 | | | 06/22/93 | 303584 | | |
| +3.0180 | +0.6578 | | | 07/20/93 | 304128 | | |
| +2.2254 | +0.6384 | | | 08/17/93 | 304639 | | |
| +2.0832 | +0.5994 | | | 09/14/93 | 305210 | | |
| | +2.7320 | +0.6645 | 10/12/93 | 305716 | | | |
| | +2.6429 | +0.6332 | 11/08/93 | 306356 | | | |
| | +3.6040 | +0.6828 | 12/07/93 | 306875 | | | |
| | GAMMA SCAN (GELI) | | | | | | |
| | | NO ACTIVITY DETECTED | | 07/20/93 | 304128 | | |
| | | NO ACTIVITY DETECTED | | 10/12/93 | 305716 | | |
| | | NO ACTIVITY DETECTED | | 12/07/93 | 306875 | | |
| BI-214 | | +0.6521 | +2.8931 | 01/05/93 | 300217 | | |
| | | +2.2246 | +2.8217 | 02/02/93 | 300750 | | |
| | | +0.6402 | +2.8904 | 03/02/93 | 301293 | | |
| | | +1.2306 | +2.5015 | 03/30/93 | 301843 | | |
| | | +2.5114 | +3.6641 | 04/27/93 | 302432 | | |
| | | +6.1350 | +4.9645 | 05/25/93 | 302988 | | |
| | | +5.7985 | +3.4713 | 06/22/93 | 303584 | | |
| | K-40 | | +31.1610 | +16.6200 | 03/02/93 | 301293 | |
| | | +13.3310 | +14.4870 | 05/25/93 | 302988 | | |

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 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CONTIN. SURFACE WATER(Total)
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|---------------------------------------|-----------------------------|-----------|----------------|----------|----------|--------|
| | | | TERM COLLECTED | LAB NO | | |
| 3135 TRM 523.1 4.7 MILES DOWNSTREA | GAMMA SCAN (GELI) PB-212 | +0.0263 | +1.3310 | 08/17/93 | 304639 | |
| | | +2.6118 | +2.1357 | 09/14/93 | 305210 | |
| | | +1.0314 | +1.6603 | 11/08/93 | 306356 | |
| | | +1.6139 | +3.7218 | 03/02/93 | 301293 | |
| | | +0.3662 | +1.6071 | 03/30/93 | 301843 | |
| | | +3.3829 | +3.4394 | 05/25/93 | 302988 | |
| | TL-208 | +1.4864 | +1.3515 | 05/25/93 | 302988 | |
| | | SR 89 | -1.3199 | +1.2900 | 03/02/93 | 301306 |
| | | +0.7340 | +1.3900 | 05/25/93 | 303001 | |
| | SR 90 | +1.1000 | +0.9720 | 08/17/93 | 304652 | |
| | | -0.2689 | +1.1800 | 12/07/93 | 306888 | |
| | | +0.2330 | +0.5950 | 03/02/93 | 301306 | |
| | | -0.1279 | +0.6310 | 05/25/93 | 303001 | |
| | | -0.2849 | +0.4610 | 08/17/93 | 304652 | |
| | | +0.1430 | +0.5560 | 12/07/93 | 306888 | |
| | TRITIUM | +132.9500 | +52.0900 | 03/02/93 | 301306 | |
| | | +85.6400 | +63.2000 | 05/25/93 | 303001 | |
| | | +58.2100 | +63.1300 | 08/17/93 | 304652 | |
| -7.5099 | | +88.3500 | 12/07/93 | 306888 | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CONTINUOUS PUBLIC WATER
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | |
|--|-----------------------|----------------------|------------|--------------------------|-----------------|
| | | | TERM | COLLECTED LAB NO | |
| 2116 RM-2 DAYTON TN 17.75 MILES NNE | GROSS BETA | +2.5667 | +0.6118 | 01/19/93 300403 | |
| | | +2.3202 | +0.6038 | 03/17/93 301479 | |
| | | +2.4194 | +0.6069 | 04/13/93 302064 | |
| | | +3.0213 | +0.6494 | 05/11/93 302646 | |
| | | +3.8643 | +0.6966 | 06/08/93 303210 | |
| | | +2.1581 | +0.6229 | 07/06/93 303798 | |
| | | +2.3552 | +0.6128 | 08/03/93 304323 | |
| | | +4.5981 | +0.7949 | 08/31/93 304846 | |
| | | +1.4266 | +0.5657 | 10/26/93 305920 | |
| | | +3.6043 | +0.6889 | 11/22/93 306551 | |
| | | +2.3235 | +0.6041 | 12/21/93 307055 | |
| | | IODINE-131 | +0.1711 | +0.1217 | 01/19/93 300403 |
| | | | -0.0073 | +0.1486 | 02/16/93 300945 |
| | +0.0363 | | +0.1218 | 03/17/93 301479 | |
| | +0.1449 | | +0.1259 | 04/13/93 302064 | |
| | -0.0083 | | +0.1697 | 05/11/93 302646 | |
| | -0.1573 | | +0.2231 | 06/08/93 303210 | |
| | -0.1070 | | +0.1387 | 07/06/93 303798 | |
| | -0.1102 | | +0.0811 | 08/03/93 304323 | |
| | +0.0619 | | +0.1749 | 08/31/93 304846 | |
| | -0.0867 | | +0.1034 | 09/28/93 305396 | |
| | -0.0248 | | +0.0889 | 10/26/93 305920 | |
| | -0.1109 | | +0.1873 | 11/22/93 306551 | |
| | -0.0230 | | +0.1573 | 12/21/93 307055 | |
| | GAMMA SCAN (GELI) | NO ACTIVITY DETECTED | | 11/22/93 306551 | |
| | | AC-228 | +2.3025 | +4.2766 07/06/93 303798 | |
| | | | +1.1021 | +3.8202 08/03/93 304323 | |
| | | B1-214 | +5.1597 | +3.6919 01/19/93 300403 | |
| | | | +8.5256 | +6.9019 02/16/93 300945 | |
| | | | +10.5240 | +3.0920 03/17/93 301479 | |
| | | | +8.6042 | +3.1728 05/11/93 302646 | |
| | | | +9.9521 | +3.7056 06/08/93 303210 | |
| | | | +1.1046 | +2.5968 10/26/93 305920 | |
| | | K-40 | +16.9970 | +26.5350 01/19/93 300403 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CONTINUOUS PUBLIC WATER
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO | |
|--|---------------------------|----------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | | |
| 2116 RM-2 DAYTON TN 17.75 MILES NNE | GAMMA SCAN (GELI) K-40 | +9.9922 | +23.5040 | 04/13/93 | 302064 | |
| | | +13.0190 | +11.8440 | 05/11/93 | 302646 | |
| | +4.7057 | +23.3210 | 06/08/93 | 303210 | | |
| | +4.9374 | +20.0460 | 07/06/93 | 303798 | | |
| | +8.5575 | +22.2070 | 08/03/93 | 304323 | | |
| | +2.7366 | +19.0380 | 10/26/93 | 305920 | | |
| | +19.3100 | +21.7520 | 12/21/93 | 307055 | | |
| | PB-212 | +4.7768 | +2.7519 | 01/19/93 | 300403 | |
| | | +0.8922 | +2.0716 | 03/17/93 | 301479 | |
| | | +1.8722 | +2.4421 | 06/08/93 | 303210 | |
| | | +1.3260 | +2.3204 | 08/03/93 | 304323 | |
| | | +0.4992 | +1.6120 | 08/31/93 | 304846 | |
| | | +1.9002 | +2.6397 | 09/28/93 | 305396 | |
| | | +1.8196 | +2.8127 | 10/26/93 | 305920 | |
| | PB-214 | +3.2697 | +3.3226 | 01/19/93 | 300403 | |
| | | +6.3547 | +2.6870 | 03/17/93 | 301479 | |
| | | +0.7027 | +3.0706 | 05/11/93 | 302646 | |
| | TL-208 | +2.5411 | +2.7500 | 06/08/93 | 303210 | |
| | | +3.1517 | +2.3680 | 01/19/93 | 300403 | |
| | | +0.3843 | +1.3189 | 03/17/93 | 301479 | |
| | | +2.2692 | +1.2890 | 06/08/93 | 303210 | |
| | | +0.1928 | +0.9529 | 07/06/93 | 303798 | |
| | SR 89 | | -0.7919 | +1.1900 | 03/17/93 | 301584 |
| | | | +1.4000 | +1.6800 | 06/08/93 | 303326 |
| | | | +0.1460 | +0.8610 | 08/31/93 | 304951 |
| | | | +0.7460 | +1.6300 | 12/21/93 | 307160 |
| | SR 90 | | +0.2130 | +0.6700 | 03/17/93 | 301584 |
| | | -0.7889 | +0.9110 | 06/08/93 | 303326 | |
| | | +0.0692 | +0.4970 | 08/31/93 | 304951 | |
| | | -0.5809 | +0.9030 | 12/21/93 | 307160 | |
| TRITIUM | | -75.6399 | +66.7800 | 03/17/93 | 301584 | |
| | | +44.5900 | +65.7600 | 06/08/93 | 303326 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CONTINUOUS PUBLIC WATER
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO | | |
|-----------------------------------|-----------------------|------------|------------|-----------|----------|----------|--------|
| | | | TERM | COLLECTED | | | |
| 2116 RM-2 DAYTON TN | 17.75 MILES NNE | TRITIUM | +79.3900 | +64.3600 | 08/31/93 | 304951 | |
| | | | +76.3500 | +91.6900 | 12/21/93 | 307160 | |
| 2140 CF INDUSTRIES | TRM 473.0 | GROSS BETA | +1.5232 | +0.5501 | 01/20/93 | 300406 | |
| | | | +2.5167 | +0.6102 | 02/17/93 | 300948 | |
| | | | +2.3281 | +0.6180 | 03/17/93 | 301483 | |
| | | | +1.9511 | +0.5866 | 04/13/93 | 302067 | |
| | | | +1.9305 | +0.5945 | 06/08/93 | 303214 | |
| | | | +1.5148 | +0.5982 | 06/30/93 | 303802 | |
| | | | +4.7278 | +0.8005 | 08/25/93 | 304849 | |
| | | | +2.8700 | +0.6433 | 10/25/93 | 305923 | |
| | | | +2.0430 | +0.5889 | 11/19/93 | 306554 | |
| | | | +2.0567 | +0.5787 | 12/21/93 | 307058 | |
| | | | IODINE-131 | +0.0299 | +0.1004 | 01/20/93 | 300406 |
| | | | | -0.0376 | +0.0913 | 02/17/93 | 300948 |
| | | | | -0.0040 | +0.1156 | 03/17/93 | 301483 |
| | | | | -0.1762 | +0.1632 | 04/13/93 | 302067 |
| | | | | -0.0692 | +0.0825 | 06/08/93 | 303214 |
| | | | | -0.0409 | +0.1468 | 06/30/93 | 303802 |
| | | | | -0.1627 | +0.2748 | 08/25/93 | 304849 |
| | | | | -0.2978 | +0.1841 | 10/25/93 | 305923 |
| | | | | -0.0408 | +0.2786 | 11/19/93 | 306554 |
| -0.0390 | +0.1613 | 12/21/93 | | 307058 | | | |
| GAMMA SCAN (GELI) | NO ACTIVITY DETECTED | | 01/20/93 | 300406 | | | |
| | NO ACTIVITY DETECTED | | 04/13/93 | 302067 | | | |
| | NO ACTIVITY DETECTED | | 11/19/93 | 306554 | | | |
| | BI-214 | +5.1890 | +2.6417 | 02/17/93 | 300948 | | |
| | | +0.0366 | +2.5715 | 03/17/93 | 301483 | | |
| | | +3.4581 | +2.3710 | 06/08/93 | 303214 | | |
| K-40 | +1.9279 | +8.5694 | 12/21/93 | 307058 | | | |
| | +10.3170 | +19.4040 | 08/25/93 | 304849 | | | |
| | +1.6659 | +1.6514 | 06/30/93 | 303802 | | | |
| PB-212 | +0.2078 | +2.1534 | 10/25/93 | 305923 | | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CONTINUOUS PUBLIC WATER
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | | | |
|-----------------------------------|-----------------------|-----------------------------|------------|-----------|----------|---------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | | | |
| 2140 CF INDUSTRIES | TRM 473.0 | GAMMA SCAN (GELI) PB-214 | +3.8078 | +2.3319 | 02/17/93 | 300948 | | |
| | | | +4.0437 | +2.0407 | 06/08/93 | 303214 | | |
| | TL-208 | +0.4506 | +1.0396 | 06/08/93 | 303214 | | | |
| | | +2.1046 | +1.4053 | 10/25/93 | 305923 | | | |
| | SR 89 | | -0.1119 | +1.1400 | 03/17/93 | 301585 | | |
| | | | -0.9199 | +1.0300 | 06/08/93 | 303327 | | |
| | | | +2.0600 | +0.8940 | 08/25/93 | 304952 | | |
| | | | -0.9859 | +1.2000 | 12/21/93 | 307161 | | |
| | SR 90 | | +0.0652 | +0.6360 | 03/17/93 | 301585 | | |
| | | | +0.4660 | +0.5780 | 06/08/93 | 303327 | | |
| | | | -0.8209 | +0.4630 | 08/25/93 | 304952 | | |
| | | | +0.4330 | +0.6730 | 12/21/93 | 307161 | | |
| | TRITIUM | | -37.9399 | +64.2600 | 03/17/93 | 301585 | | |
| | | | +121.5500 | +64.9900 | 06/08/93 | 303327 | | |
| | | | +35.5000 | +63.5600 | 08/25/93 | 304952 | | |
| +82.0500 | | | +87.9700 | 12/21/93 | 307161 | | | |
| | | | | | | | | |
| 3133 TRM 529.3 | 1.5 MILES UPSTREAM | GROSS BETA | +2.3973 | +0.6132 | 01/05/93 | 300214 | | |
| | | | +2.8878 | +0.6382 | 02/02/93 | 300747 | | |
| | | | +1.8300 | +0.5760 | 03/02/93 | 301290 | | |
| | | | +2.8750 | +0.6351 | 03/30/93 | 301840 | | |
| | | | +2.5064 | +0.6181 | 04/27/93 | 302429 | | |
| | | | +1.7361 | +0.5761 | 05/25/93 | 302985 | | |
| | | | +2.2097 | +0.6095 | 07/20/93 | 304125 | | |
| | | | +3.7086 | +0.7410 | 08/17/93 | 304636 | | |
| | | | +2.2293 | +0.6022 | 09/14/93 | 305207 | | |
| | | | +1.5034 | +0.5883 | 10/12/93 | 305713 | | |
| | | | +3.4101 | +0.6762 | 11/08/93 | 306353 | | |
| | | | +1.5691 | +0.5784 | 12/07/93 | 306872 | | |
| | | | IODINE-131 | | +0.0348 | +0.1165 | 01/05/93 | 300214 |
| | | | | | | | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CONTINUOUS PUBLIC WATER
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO | | |
|--------------------------------------|-----------------------|-------------------|----------------------|-----------|----------|--------|--|
| | | | TERM | COLLECTED | | | |
| 3133 TRM 529.3 1.5 MILES UPSTREAM | IODINE-131 | +0.1358 | +0.1218 | 02/02/93 | 300747 | | |
| | | +0.0539 | +0.0990 | 03/02/93 | 301290 | | |
| | | +0.1933 | +0.1375 | 03/30/93 | 301840 | | |
| | | -0.0626 | +0.0747 | 04/27/93 | 302429 | | |
| | | +0.0963 | +0.1110 | 05/25/93 | 302985 | | |
| | | +0.1669 | +0.1474 | 06/22/93 | 303581 | | |
| | | +0.1246 | +0.1082 | 07/20/93 | 304125 | | |
| | | +0.1177 | +0.1802 | 08/17/93 | 304636 | | |
| | | -0.1939 | +0.1445 | 09/14/93 | 305207 | | |
| | | -0.0223 | +0.0800 | 10/12/93 | 305713 | | |
| | | +0.0291 | +0.1720 | 11/08/93 | 306353 | | |
| | | +0.0841 | +0.1883 | 12/07/93 | 306872 | | |
| | | GAMMA SCAN (GELI) | | | | | |
| | | | NO ACTIVITY DETECTED | | 03/30/93 | 301840 | |
| | | | NO ACTIVITY DETECTED | | 06/22/93 | 303581 | |
| | | | NO ACTIVITY DETECTED | | 08/17/93 | 304636 | |
| | | | NO ACTIVITY DETECTED | | 09/14/93 | 305207 | |
| | | | NO ACTIVITY DETECTED | | 10/12/93 | 305713 | |
| | | AC-228 | +2.5965 | +4.2407 | 01/05/93 | 300214 | |
| | | | +2.7952 | +3.1045 | 05/25/93 | 302985 | |
| BI-214 | +0.0583 | +2.9450 | 01/05/93 | 300214 | | | |
| | +7.4864 | +3.2620 | 02/02/93 | 300747 | | | |
| | +4.2333 | +2.9981 | 03/02/93 | 301290 | | | |
| | +12.6750 | +9.9290 | 04/27/93 | 302429 | | | |
| | +7.0857 | +2.6611 | 05/25/93 | 302985 | | | |
| | +3.6564 | +3.3267 | 07/20/93 | 304125 | | | |
| K-40 | +10.2650 | +18.0810 | 01/05/93 | 300214 | | | |
| | +2.4164 | +18.3150 | 04/27/93 | 302429 | | | |
| | +14.1520 | +14.4520 | 12/07/93 | 306872 | | | |
| PB-212 | +0.9069 | +1.8998 | 04/27/93 | 302429 | | | |
| | +1.0641 | +1.7933 | 05/25/93 | 302985 | | | |
| | +2.9482 | +3.3072 | 11/08/93 | 306353 | | | |
| PB-214 | +6.4647 | +3.9066 | 02/02/93 | 300747 | | | |
| | +1.7695 | +1.9656 | 05/25/93 | 302985 | | | |
| SR 89 | | +2.6800 | +1.5300 | 03/02/93 | 301304 | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CONTINUOUS PUBLIC WATER
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO |
|--------------------------------------|-----------------------|-----------|------------|-----------|--------|
| | | | TERM | COLLECTED | |
| 3133 TRM 529.3 1.5 MILES UPSTREAM | SR 89 | +0.6600 | +1.2900 | 05/25/93 | 302999 |
| | | -2.3699 | +1.4000 | 08/17/93 | 304650 |
| | | +0.2600 | +1.1800 | 12/07/93 | 306886 |
| | SR 90 | -0.9209 | +0.6840 | 03/02/93 | 301304 |
| | | -0.2979 | +0.5880 | 05/25/93 | 302999 |
| | | +1.0200 | +0.6560 | 08/17/93 | 304650 |
| | | -0.3449 | +0.5470 | 12/07/93 | 306886 |
| | TRITIUM | +208.1100 | +53.4000 | 03/02/93 | 301304 |
| | | +112.5500 | +63.5600 | 05/25/93 | 302999 |
| | | +117.8700 | +63.6400 | 08/17/93 | 304650 |
| | | +0.0000 | +88.0100 | 12/07/93 | 306886 |
| | | | | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN GRAB PUBLIC WATER(Total)
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|-----------------------------------|-----------------------|----------------------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | |
| 3127 SPRING CITY 7.6 MILES NW | GROSS BETA | +0.9559 | +0.5435 | 01/19/93 | 300450 | |
| | | +1.9957 | +0.5992 | 02/16/93 | 300991 | |
| | | +0.4063 | +0.4949 | 03/17/93 | 301527 | |
| | | +1.2279 | +0.5436 | 04/13/93 | 302109 | |
| | | +5.5595 | +0.7873 | 05/11/93 | 302702 | |
| | | +3.6646 | +0.6861 | 06/08/93 | 303265 | |
| | | +4.2657 | +0.7702 | 07/06/93 | 303845 | |
| | | +4.4335 | +0.7163 | 08/03/93 | 304370 | |
| | | +5.1506 | +0.8118 | 08/31/93 | 304894 | |
| | | +4.7329 | +0.7346 | 09/28/93 | 305443 | |
| | | +4.1143 | +0.7117 | 10/26/93 | 305967 | |
| | | +1.0861 | +0.5525 | 11/22/93 | 306613 | |
| | | +0.2461 | +0.4927 | 12/21/93 | 307103 | |
| | GAMMA SCAN (GELI) | NO ACTIVITY DETECTED | | | 08/03/93 | 304370 |
| | | NO ACTIVITY DETECTED | | | 08/31/93 | 304894 |
| | | NO ACTIVITY DETECTED | | | 11/22/93 | 306613 |
| | | NO ACTIVITY DETECTED | | | 12/21/93 | 307103 |
| | | BI-214 | +13.9800 | +9.5410 | 01/19/93 | 300450 |
| | | | +7.2050 | +5.8205 | 02/16/93 | 300991 |
| | | | +7.0672 | +3.1482 | 03/17/93 | 301527 |
| | | | +1.8348 | +2.6612 | 04/13/93 | 302109 |
| | | | +7.6594 | +2.6683 | 05/11/93 | 302702 |
| | | | +5.4610 | +2.5063 | 06/08/93 | 303265 |
| | | | +5.0440 | +3.4830 | 07/06/93 | 303845 |
| | | | +8.1806 | +3.8696 | 10/26/93 | 305967 |
| | | K-40 | +10.8220 | +15.1590 | 01/19/93 | 300450 |
| | | | +19.7910 | +18.5160 | 09/28/93 | 305443 |
| | +12.8290 | +25.1240 | 10/26/93 | 305967 | | |
| PB-212 | +1.8801 | +2.2317 | 06/08/93 | 303265 | | |
| | +0.6139 | +1.6001 | 09/28/93 | 305443 | | |
| | +1.3000 | +1.8894 | 10/26/93 | 305967 | | |
| PB-214 | +1.1127 | +2.7850 | 01/19/93 | 300450 | | |
| | +0.7291 | +3.4086 | 02/16/93 | 300991 | | |
| | +9.3665 | +3.9799 | 05/11/93 | 302702 | | |
| | +0.9320 | +2.2561 | 06/08/93 | 303265 | | |
| | +3.8848 | +2.5818 | 07/06/93 | 303845 | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN GRAB PUBLIC WATER(Total)
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|-----------------------------------|----------------------------------|------------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | |
| 3127 SPRING CITY 7.6 MILES NW | SR 89 | +0.9390 | +1.0300 | 03/17/93 | 301599 | |
| | | -0.3099 | +1.1500 | 06/08/93 | 303341 | |
| | | -0.2019 | +1.5500 | 08/31/93 | 304966 | |
| | | -0.3279 | +0.9480 | 12/21/93 | 307175 | |
| | SR 90 | -0.4649 | +0.5500 | 03/17/93 | 301599 | |
| | | +0.3940 | +0.6150 | 06/08/93 | 303341 | |
| | | +0.0607 | +0.6220 | 08/31/93 | 304966 | |
| | | +0.3010 | +0.5190 | 12/21/93 | 307175 | |
| | TRITIUM | -43.4399 | +62.7100 | 03/17/93 | 301599 | |
| | | -28.1199 | +61.8500 | 06/08/93 | 303341 | |
| | | +60.3500 | +62.3000 | 08/31/93 | 304966 | |
| | | +17.1000 | +89.8600 | 12/21/93 | 307175 | |
| | 3128 WB RESERVATION TRM 529.9 | GROSS BETA | +0.2361 | +0.0783 | 01/19/93 | 300451 |
| | | | +0.4673 | +0.5051 | 02/16/93 | 300993 |
| +1.4347 | | | +0.5510 | 03/17/93 | 301528 | |
| +1.1724 | | | +0.5397 | 04/13/93 | 302110 | |
| +3.7032 | | | +0.6879 | 05/11/93 | 302703 | |
| +5.5553 | | | +0.7852 | 06/08/93 | 303266 | |
| +1.7976 | | | +0.6337 | 07/06/93 | 303846 | |
| +1.8778 | | | +0.5927 | 08/03/93 | 304372 | |
| +2.0940 | | | +0.6544 | 08/31/93 | 304895 | |
| +4.5104 | | | +0.7170 | 09/28/93 | 305444 | |
| +3.3301 | | | +0.6672 | 10/26/93 | 305968 | |
| +1.7068 | | | +0.5785 | 11/22/93 | 306614 | |
| +0.7875 | | | +0.5158 | 12/21/93 | 307104 | |
| GAMMA SCAN (GELI) | | | | | | |
| AC-228 | +4.7191 | +3.6865 | 03/17/93 | 301528 | | |
| BI-214 | +52.3820 | +5.2826 | 01/19/93 | 300451 | | |
| | +9.0652 | +3.2537 | 02/16/93 | 300993 | | |
| | +3.1847 | +2.9891 | 03/17/93 | 301528 | | |
| | +29.6350 | +4.6554 | 04/13/93 | 302110 | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN GRAB PUBLIC WATER(Total)
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | | | |
|-----------------------------------|-----------------------|-------------------|------------|-----------|----------|----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | | | |
| 3128 WB RESERVATION | TRM 529.9 | GAMMA SCAN (GELI) | | | | | | |
| | | | BI-214 | +4.9019 | +3.2549 | 05/11/93 | 302703 | |
| | | | | +5.4049 | +3.0334 | 06/08/93 | 303266 | |
| | | | | +43.4330 | +4.2467 | 07/06/93 | 303846 | |
| | | | | +48.8940 | +5.9338 | 08/03/93 | 304372 | |
| | | | | +27.9430 | +3.7730 | 08/31/93 | 304895 | |
| | | | | +45.6310 | +5.0170 | 09/28/93 | 305444 | |
| | | | | +17.2180 | +5.1661 | 10/26/93 | 305968 | |
| | | | | +8.8690 | +3.7260 | 11/22/93 | 306614 | |
| | | | | +8.1121 | +3.3595 | 12/21/93 | 307104 | |
| | | | | K-40 | +4.3934 | +12.4950 | 06/08/93 | 303266 |
| | | | | PB-212 | +3.3449 | +1.8838 | 06/08/93 | 303266 |
| | | | | | +4.6565 | +2.6656 | 09/28/93 | 305444 |
| | | | | PB-214 | +50.5580 | +5.8499 | 01/19/93 | 300451 |
| | | | | | +3.9109 | +2.9371 | 02/16/93 | 300993 |
| | | | | | +1.7013 | +2.9189 | 03/17/93 | 301528 |
| | | | | | +30.7290 | +3.9115 | 04/13/93 | 302110 |
| | | | | | +0.9198 | +2.9771 | 05/11/93 | 302703 |
| | | | | | +0.0614 | +2.0471 | 06/08/93 | 303266 |
| | | | | | +42.8860 | +5.1528 | 07/06/93 | 303846 |
| | | | | | +46.4850 | +4.7242 | 08/03/93 | 304372 |
| | | | | | +25.6040 | +3.7251 | 08/31/93 | 304895 |
| | | | | | +35.3120 | +4.4052 | 09/28/93 | 305444 |
| | | | | | +6.8582 | +2.8727 | 10/26/93 | 305968 |
| | | | | | +20.0070 | +5.3160 | 11/22/93 | 306614 |
| | | | | | +8.5825 | +2.8443 | 12/21/93 | 307104 |
| | | | | TL-208 | +1.8181 | +1.8612 | 12/21/93 | 307104 |
| | | | | SR 89 | | | | |
| | | | | | +1.3900 | +1.0300 | 03/17/93 | 301600 |
| | | | | | -0.7589 | +1.2300 | 06/08/93 | 303342 |
| | | | | | +0.9380 | +1.3200 | 08/31/93 | 304967 |
| | | | | | +0.2870 | +0.9910 | 12/21/93 | 307176 |
| | | | | SR 90 | | | | |
| | | -0.7429 | +0.5490 | 03/17/93 | 301600 | | | |
| | | +0.2130 | +0.6500 | 06/08/93 | 303342 | | | |
| | | -0.4379 | +0.5260 | 08/31/93 | 304967 | | | |
| | | -0.2269 | +0.5300 | 12/21/93 | 307176 | | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN GRAB PUBLIC WATER(Total)
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | |
|-----------------------------------|-----------------------|----------|-------------------|--------|
| | | | TERM COLLECTED | LAB NO |
| 3128 WB RESERVATION TRM 529.9 | TRITIUM | -53.0899 | +62.6400 03/17/93 | 301600 |
| | | +24.4500 | +62.3700 06/08/93 | 303342 |
| | | +14.4800 | +61.7800 08/31/93 | 304967 |
| | | -56.1899 | +88.9000 12/21/93 | 307176 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CONTIN. WELL WATER(Total)
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR TERM | DATE COLLECTED | LAB NO |
|-----------------------------------|-----------------------|----------------------|------------|----------------|--------|
| 3121 WBN WELL #1 | ONSITE S | GAMMA SCAN (GELI) | | | |
| | | NO ACTIVITY DETECTED | | | |
| | AC-228 | +4.6491 | +3.9695 | 09/14/93 | 305206 |
| | BI-214 | +19.8980 | +4.0514 | 02/03/93 | 300746 |
| | | +26.1970 | +4.3788 | 01/05/93 | 300213 |
| | | +24.4630 | +4.3788 | 02/03/93 | 300746 |
| | | +6.5969 | +4.3108 | 03/02/93 | 301289 |
| | | +9.6010 | +2.7164 | 03/30/93 | 301839 |
| | | +22.0130 | +4.8544 | 04/27/93 | 302428 |
| | | +14.6370 | +4.2731 | 05/25/93 | 302984 |
| | | +11.9640 | +3.0294 | 06/22/93 | 303580 |
| | | +10.5410 | +3.4858 | 07/20/93 | 304124 |
| | | +0.5338 | +4.1274 | 08/17/93 | 304635 |
| | | +13.3730 | +2.4624 | 10/12/93 | 305712 |
| | K-40 | +0.2873 | +3.3325 | 12/07/93 | 306871 |
| | | +20.1690 | +10.0290 | 03/02/93 | 301289 |
| | | +10.0140 | +10.9160 | 04/27/93 | 302428 |
| | PB-212 | +2.0266 | +16.8900 | 10/12/93 | 305712 |
| | | +2.3330 | +2.9296 | 05/25/93 | 302984 |
| | PB-214 | +20.0150 | +2.0920 | 11/08/93 | 306352 |
| | | +19.1830 | +3.5643 | 01/05/93 | 300213 |
| | | +20.1200 | +3.4644 | 02/03/93 | 300746 |
| | | +9.0490 | +3.0755 | 03/02/93 | 301289 |
| | | +6.4006 | +3.0881 | 03/30/93 | 301839 |
| | | +13.4630 | +3.3161 | 04/27/93 | 302428 |
| | | +9.2981 | +4.3410 | 05/25/93 | 302984 |
| | | +5.8683 | +2.4938 | 06/22/93 | 303580 |
| | | +7.9808 | +2.5935 | 07/20/93 | 304124 |
| | | +3.6153 | +4.7385 | 08/17/93 | 304635 |
| | | +6.2655 | +3.0254 | 11/08/93 | 306352 |
| | TL-208 | +0.3012 | +2.9531 | 12/07/93 | 306871 |
| | | +1.0725 | +0.8873 | 02/03/93 | 300746 |
| | TRITIUM | | +0.9964 | 03/02/93 | 301289 |
| | | +104.7700 | +51.5100 | 03/02/93 | 301307 |
| | | -29.3599 | +61.9400 | 05/25/93 | 303002 |
| | | +66.5300 | +62.5100 | 08/17/93 | 304653 |
| | | +82.7200 | +89.7200 | 12/07/93 | 306889 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS AND INSTRUMENTATION
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN GRAB WELL WATER(Total)
 PCI/L - 0.037 BQ/L
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|-----------------------------------|---------------------------------------|-----------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | |
| 3115 LAYMAN FARM 1.3 MILES SW | GAMMA SCAN (GELI) AC-228 BI-214 | +1.8600 | +4.0858 | 04/27/93 | 302424 | |
| | | +135.7300 | +10.1830 | 01/05/93 | 300209 | |
| | | +382.0700 | +20.3870 | 02/03/93 | 300741 | |
| | | +200.7300 | +13.3760 | 03/02/93 | 301283 | |
| | | +167.2400 | +10.1360 | 03/30/93 | 301835 | |
| | | +188.2400 | +11.7320 | 04/27/93 | 302424 | |
| | | +416.5200 | +23.9750 | 05/25/93 | 302977 | |
| | | +307.0700 | +51.5820 | 06/23/93 | 303575 | |
| | | +402.6000 | +24.6410 | 07/20/93 | 304119 | |
| | | +185.9500 | +11.4240 | 08/17/93 | 304626 | |
| | | +88.0760 | +7.4496 | 09/14/93 | 305200 | |
| | | +57.8900 | +7.0625 | 10/12/93 | 305707 | |
| | K-40 | +36.1730 | +5.0775 | 11/08/93 | 306344 | |
| | | +83.6600 | +10.5990 | 12/07/93 | 306866 | |
| | | +31.1880 | +26.8430 | 02/03/93 | 300741 | |
| | | +11.5750 | +14.9680 | 10/12/93 | 305707 | |
| | | PB-214 | +132.0400 | +8.4304 | 01/05/93 | 300209 |
| | | | +357.7100 | +19.7360 | 02/03/93 | 300741 |
| | | | +181.0600 | +14.4370 | 03/02/93 | 301283 |
| | | | +157.7300 | +9.8807 | 03/30/93 | 301835 |
| | | | +163.2000 | +12.7980 | 04/27/93 | 302424 |
| | | | +415.3600 | +115.6800 | 05/25/93 | 302977 |
| | | | +310.7300 | +18.9930 | 06/23/93 | 303575 |
| | | | +392.8000 | +19.7730 | 07/20/93 | 304119 |
| | +179.1000 | | +10.6830 | 08/17/93 | 304626 | |
| | +83.7370 | | +6.5837 | 09/14/93 | 305200 | |
| | +57.1950 | | +6.6956 | 10/12/93 | 305707 | |
| | +31.6000 | | +4.9987 | 11/08/93 | 306344 | |
| | TRITIUM | +71.5450 | +6.0741 | 12/07/93 | 306866 | |
| | | +99.1100 | +51.4100 | 03/02/93 | 301308 | |
| | | +151.7000 | +64.1400 | 05/25/93 | 303003 | |
| | | +4.6400 | +59.2800 | 08/17/93 | 304654 | |
| | | -24.1799 | +86.6000 | 12/07/93 | 306890 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CHANNEL CATFISH FLESH
 PCI/GM - 0.037 BQ/G (DRY WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO |
|-----------------------------------|-----------------------|----------|------------|-----------|--------|
| | | | TERM | COLLECTED | |
| 2159 NICKAJACK RES TRM 425-471 | GAMMA SCAN (GELI) | | | | |
| | BI-214 | +0.0895 | +0.0142 | 05/27/93 | 302350 |
| | CS-137 | +0.0328 | +0.0038 | 11/08/93 | 306562 |
| | K-40 | +8.5024 | +0.4616 | 05/27/93 | 302350 |
| | | +10.0780 | +0.5494 | 11/08/93 | 306562 |
| 2160 CHICKAMAUGA RES TRM 471-530 | PB-214 | +0.0951 | +0.0126 | 05/27/93 | 302350 |
| | GAMMA SCAN (GELI) | | | | |
| | BI-214 | +0.1460 | +0.0166 | 05/27/93 | 302354 |
| | CS-137 | +0.0207 | +0.0039 | 05/27/93 | 302354 |
| | | +0.0369 | +0.0046 | 11/08/93 | 306567 |
| 2161 WATTS BAR RES TRM 530-602 | K-40 | +8.7452 | +0.4039 | 05/27/93 | 302354 |
| | | +11.0280 | +0.5140 | 11/08/93 | 306567 |
| | PB-212 | +0.0017 | +0.0048 | 05/27/93 | 302354 |
| | PB-214 | +0.1128 | +0.0131 | 05/27/93 | 302354 |
| | GAMMA SCAN (GELI) | | | | |
| 2161 WATTS BAR RES TRM 530-602 | BI-214 | +0.0687 | +0.0105 | 05/27/93 | 302360 |
| | | +0.0021 | +0.0075 | 11/08/93 | 306573 |
| | CS-137 | +0.0878 | +0.0075 | 05/27/93 | 302360 |
| | | +0.1103 | +0.0088 | 11/08/93 | 306573 |
| | K-40 | +10.0770 | +0.4594 | 05/27/93 | 302360 |
| | | +14.5300 | +0.7382 | 11/08/93 | 306573 |
| | PB-212 | +0.0141 | +0.0090 | 05/27/93 | 302360 |
| | PB-214 | +0.0566 | +0.0125 | 05/27/93 | 302360 |
| TL-208 | +0.0009 | +0.0034 | 11/08/93 | 306573 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CRAPPIE FLESH
 PCI/GM - 0.037 BQ/G (DRY WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR TERM | DATE COLLECTED | LAB NO |
|-----------------------------------|-------------|-----------------------|----------|------------|----------------|--------|
| 2159 NICKAJACK RES | TRM 425-471 | GAMMA SCAN (GELI) | | | | |
| | | CS-137 | +0.0467 | +0.0063 | 05/27/93 | 302352 |
| | | | +0.0767 | +0.0085 | 11/08/93 | 306564 |
| | | K-40 | +13.9640 | +0.6166 | 05/27/93 | 302352 |
| | | | +17.7000 | +0.8401 | 11/08/93 | 306564 |
| 2160 CHICKAMAUGA RES | TRM 471-530 | GAMMA SCAN (GELI) | | | | |
| | | BI-214 | +0.0717 | +0.0099 | 05/27/93 | 302357 |
| | | | +0.0092 | +0.0367 | 11/08/93 | 306571 |
| | | CS-134 | +0.0172 | +0.0038 | 11/08/93 | 306571 |
| | | CS-137 | +0.0500 | +0.0054 | 05/27/93 | 302357 |
| | | | +0.0960 | +0.0080 | 11/08/93 | 306571 |
| | | K-40 | +15.1900 | +0.6703 | 05/27/93 | 302357 |
| | +16.4800 | +0.7652 | 11/08/93 | 306571 | | |
| | PB-214 | +0.0458 | +0.0103 | 05/27/93 | 302357 | |
| | | +0.0060 | +0.0113 | 11/08/93 | 306571 | |
| 2161 WATTS BAR RES | TRM 530-602 | GAMMA SCAN (GELI) | | | | |
| | | BI-214 | +0.0044 | +0.0087 | 11/08/93 | 306575 |
| | | CS-137 | +0.0709 | +0.0064 | 05/27/93 | 302362 |
| | | | +0.0962 | +0.0078 | 11/08/93 | 306575 |
| | | K-40 | +15.6950 | +0.7529 | 05/27/93 | 302362 |
| | | +17.5700 | +0.7950 | 11/08/93 | 306575 | |
| | PB-214 | +0.0003 | +0.0090 | 11/08/93 | 306575 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN SMALLMOUTH BUFFALO FLESH
 PCI/GM - 0.037 BQ/G (DRY WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO | |
|-----------------------------------|-------------------------------------|-----------------------------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | | |
| 2159 NICKAJACK RES TRM 425-471 | GAMMA SCAN (GELI) CS-137 K-40 | +0.0457 | +0.0060 | 11/08/93 | 306563 | |
| | | +5.6540 | +0.3494 | 05/27/93 | 302351 | |
| | | +10.0400 | +0.5544 | 11/08/93 | 306563 | |
| | SR 89 | | | | | |
| | | | | | | |
| | SR 90 | | -0.0037 | +0.0260 | 05/27/93 | 302351 |
| | | | -0.0395 | +0.0276 | 11/08/93 | 306563 |
| | | | +0.0075 | +0.0087 | 05/27/93 | 302351 |
| | | | +0.0200 | +0.0143 | 11/08/93 | 306563 |
| | 2160 CHICKAMAUGA RES TRM 471-530 | GAMMA SCAN (GELI) BI-214 | +0.0943 | +0.0129 | 05/27/93 | 302356 |
| +0.0093 | | | +0.0060 | 11/08/93 | 306569 | |
| +0.0107 | | | +0.0036 | 05/27/93 | 302356 | |
| CS-137 | | +0.0347 | +0.0051 | 11/08/93 | 306569 | |
| | | +8.1286 | +0.4148 | 05/27/93 | 302356 | |
| K-40 | | +7.9174 | +0.4292 | 11/08/93 | 306569 | |
| | | +0.0972 | +0.0130 | 05/27/93 | 302356 | |
| SR 89 | | | | | | |
| | | | | | | |
| SR 90 | | | -0.0305 | +0.0340 | 05/27/93 | 302356 |
| | | +0.0073 | +0.0183 | 11/08/93 | 306569 | |
| | | +0.0144 | +0.0113 | 05/27/93 | 302356 | |
| | +0.0048 | +0.0097 | 11/08/93 | 306569 | | |
| 2161 WATTS BAR RES TRM 530-602 | GAMMA SCAN (GELI) BI-214 | +0.1617 | +0.0225 | 05/27/93 | 302361 | |
| | | +0.0237 | +0.0041 | 05/27/93 | 302361 | |
| | | +0.0411 | +0.0046 | 11/08/93 | 306574 | |
| | CS-137 | +11.3780 | +0.6186 | 05/27/93 | 302361 | |
| | | +11.1960 | +0.5082 | 11/08/93 | 306574 | |
| | K-40 | +0.1362 | +0.0181 | 05/27/93 | 302361 | |
| | | | | | | |
| | PB-214 | | | | | |
| | | | | | | |
| | SR 89 | | -0.0404 | +0.0476 | 05/27/93 | 302361 |
| | | | | | | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN SMALLMOUTH BUFFALO FLESH
 PCI/GM - 0.037 BQ/G (DRY WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | |
|-----------------------------------|-----------------------|----------|------------|------------------|
| | | | TERM | COLLECTED LAB NO |
| 2161 WATTS BAR RES TRM 530-602 | SR 89 | | | |
| | | +0.0091 | +0.0275 | 11/08/93 306574 |
| | SR 90 | | | |
| | | +0.0151 | +0.0156 | 05/27/93 302361 |
| | | +0.0024 | +0.0143 | 11/08/93 306574 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN SMALLMOUTH BUFFALO WHOLE
 PCI/GM - 0.037 BQ/G (DRY WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|-----------------------------------|-----------------------|----------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | |
| 2159 NICKAJACK RES TRM 425-471 | GAMMA SCAN (GELI) | | | | | |
| | AC-228 | +0.0692 | +0.0199 | 11/08/93 | 306565 | |
| | BI-214 | +0.1535 | +0.0163 | 05/27/93 | 302353 | |
| | | +0.0307 | +0.0257 | 11/08/93 | 306565 | |
| | CS-137 | +0.0240 | +0.0037 | 05/27/93 | 302353 | |
| | | +0.0257 | +0.0031 | 11/08/93 | 306565 | |
| | K-40 | +5.8101 | +0.3698 | 05/27/93 | 302353 | |
| | | +5.2320 | +0.2881 | 11/08/93 | 306565 | |
| | PB-212 | +0.0116 | +0.0047 | 05/27/93 | 302353 | |
| | | +0.0058 | +0.0048 | 11/08/93 | 306565 | |
| | PB-214 | +0.1556 | +0.0139 | 05/27/93 | 302353 | |
| | TL-208 | +0.0054 | +0.0029 | 05/27/93 | 302353 | |
| | SR 89 | | | | | |
| | | | +0.0061 | +0.1110 | 05/27/93 | 302353 |
| | | -0.0605 | +0.0663 | 11/08/93 | 306565 | |
| SR 90 | | | | | | |
| | | +0.0580 | +0.0373 | 05/27/93 | 302353 | |
| | | +0.1080 | +0.0380 | 11/08/93 | 306565 | |
| 2160 CHICKAMAUGA RES TRM 471-530 | GAMMA SCAN (GELI) | | | | | |
| | AC-228 | +0.0212 | +0.0102 | 05/27/93 | 302358 | |
| | BI-214 | +0.0425 | +0.0092 | 11/08/93 | 306572 | |
| | CS-137 | +0.0131 | +0.0028 | 05/27/93 | 302358 | |
| | K-40 | +6.2247 | +0.3165 | 05/27/93 | 302358 | |
| | | +6.9499 | +0.3689 | 11/08/93 | 306572 | |
| | PB-212 | +0.0152 | +0.0044 | 05/27/93 | 302358 | |
| | | +0.0160 | +0.0046 | 11/08/93 | 306572 | |
| | PB-214 | +0.0290 | +0.0085 | 11/08/93 | 306572 | |
| | TL-208 | +0.0042 | +0.0030 | 05/27/93 | 302358 | |
| | SR 89 | | | | | |
| | | | -0.1369 | +0.1840 | 05/27/93 | 302358 |
| | | | -0.0972 | +0.1100 | 11/08/93 | 306572 |
| | SR 90 | | | | | |
| | | +0.1420 | +0.0631 | 05/27/93 | 302358 | |
| | | +0.1570 | +0.0616 | 11/08/93 | 306572 | |

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 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN SMALLMOUTH BUFFALO WHOLE
 PCI/GM - 0.037 BQ/G (DRY WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | | |
|-----------------------------------|-----------------------|----------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | LAB NO | |
| 2161 WATTS BAR RES TRM 530-602 | GAMMA SCAN (GELI) | | | | | |
| | AC-228 | +0.0093 | +0.0105 | 05/27/93 | 302364 | |
| | CS-137 | +0.0179 | +0.0027 | 05/27/93 | 302364 | |
| | | +0.0295 | +0.0056 | 11/08/93 | 306576 | |
| | K-40 | +5.6814 | +0.3891 | 05/27/93 | 302364 | |
| | | +5.9336 | +0.3311 | 11/08/93 | 306576 | |
| | PB-212 | +0.0112 | +0.0079 | 05/27/93 | 302364 | |
| | | +0.0187 | +0.0071 | 11/08/93 | 306576 | |
| | PB-214 | +0.0253 | +0.0072 | 11/08/93 | 306576 | |
| | TL-208 | +0.0039 | +0.0027 | 05/27/93 | 302364 | |
| | SR 89 | | | | | |
| | | | -0.0152 | +0.1700 | 05/27/93 | 302364 |
| | | | -0.1419 | +0.0899 | 11/08/93 | 306576 |
| | SR 90 | | | | | |
| | | +0.1020 | +0.0593 | 05/27/93 | 302364 | |
| | | +0.1630 | +0.0458 | 11/08/93 | 306576 | |

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 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN SEDIMENT
 PCI/GM - 0.037 BQ/G (DRY WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO | |
|-----------------------------------|-----------------------|-------------------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | | |
| 2155 TRM 496.50 | GAMMA SCAN (GELI) | | | | | |
| | AC-228 | +1.3913 | +0.1078 | 05/25/93 | 302349 | |
| | | +1.1386 | +0.0744 | 11/05/93 | 306089 | |
| | BE-7 | +0.9832 | +0.0701 | 05/25/93 | 302349 | |
| | | +0.2750 | +0.0337 | 11/05/93 | 306089 | |
| | BI-212 | +1.1855 | +0.0983 | 05/25/93 | 302349 | |
| | | +1.1263 | +0.0854 | 11/05/93 | 306089 | |
| | BI-214 | +0.8314 | +0.0409 | 05/25/93 | 302349 | |
| | | +0.7701 | +0.0380 | 11/05/93 | 306089 | |
| | CO-60 | +0.0220 | +0.0040 | 05/25/93 | 302349 | |
| | | +0.0133 | +0.0049 | 11/05/93 | 306089 | |
| | CS-137 | +0.7797 | +0.0343 | 05/25/93 | 302349 | |
| | | +0.5210 | +0.0263 | 11/05/93 | 306089 | |
| | K-40 | +14.8660 | +0.6153 | 05/25/93 | 302349 | |
| | | +13.2290 | +0.5732 | 11/05/93 | 306089 | |
| | PB-212 | +1.1111 | +0.0482 | 05/25/93 | 302349 | |
| | | +0.9974 | +0.0433 | 11/05/93 | 306089 | |
| | PB-214 | +0.8831 | +0.0497 | 05/25/93 | 302349 | |
| | | +0.8269 | +0.0478 | 11/05/93 | 306089 | |
| | RA-224 | +1.2248 | +0.1285 | 05/25/93 | 302349 | |
| | | +0.9530 | +0.1059 | 11/05/93 | 306089 | |
| | RA-226 | +0.8314 | +0.0409 | 05/25/93 | 302349 | |
| | | +0.7701 | +0.0380 | 11/05/93 | 306089 | |
| TL-208 | +0.3919 | +0.0187 | 05/25/93 | 302349 | | |
| | +0.3530 | +0.0176 | 11/05/93 | 306089 | | |
| SR 89 | | | | | | |
| | | +0.0014 | +0.0113 | 05/25/93 | 302349 | |
| | | -0.1499 | +0.2170 | 11/05/93 | 306089 | |
| SR 90 | | | | | | |
| | | -0.0013 | +0.0063 | 05/25/93 | 302349 | |
| | | +0.0723 | +0.1200 | 11/05/93 | 306089 | |
| 3140 TRM 532.1 | 4.3 MILES UPSTREAM | GAMMA SCAN (GELI) | | | | |
| | | AC-228 | +1.3216 | +0.0723 | 05/26/93 | 302436 |
| | | | +1.2599 | +0.0733 | 11/05/93 | 306140 |
| | | BE-7 | +0.5910 | +0.0644 | 05/26/93 | 302436 |
| | | +0.2250 | +0.0471 | 11/05/93 | 306140 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN SEDIMENT
 PCI/GM - 0.037 BQ/G (DRY WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | |
|---------------------------------------|-----------------------|----------|------------|-----------|--------|
| | | | TERM | COLLECTED | LAB NO |
| 3140 TRM 532.1 4.3 MILES UPSTREAM | GAMMA SCAN (GELI) | | | | |
| | BI-212 | +1.3167 | +0.1097 | 05/26/93 | 302436 |
| | | +1.2670 | +0.1284 | 11/05/93 | 306140 |
| | BI-214 | +0.7150 | +0.0392 | 05/26/93 | 302436 |
| | | +0.7705 | +0.0387 | 11/05/93 | 306140 |
| | CO-60 | +0.0243 | +0.0065 | 05/26/93 | 302436 |
| | | +0.0161 | +0.0039 | 11/05/93 | 306140 |
| | CS-137 | +0.7359 | +0.0328 | 05/26/93 | 302436 |
| | | +0.5144 | +0.0271 | 11/05/93 | 306140 |
| | K-40 | +16.1850 | +4.4964 | 05/26/93 | 302436 |
| | | +15.4850 | +0.6985 | 11/05/93 | 306140 |
| | PB-212 | +1.1853 | +0.0583 | 05/26/93 | 302436 |
| | | +1.2372 | +0.0574 | 11/05/93 | 306140 |
| | PB-214 | +0.7488 | +0.0377 | 05/26/93 | 302436 |
| | | +0.8180 | +0.0429 | 11/05/93 | 306140 |
| | RA-224 | +1.1968 | +0.1703 | 05/26/93 | 302436 |
| | | +1.2139 | +0.1522 | 11/05/93 | 306140 |
| | RA-226 | +0.7150 | +0.0392 | 05/26/93 | 302436 |
| | | +0.7705 | +0.0387 | 11/05/93 | 306140 |
| | TL-208 | +0.4017 | +0.0214 | 05/26/93 | 302436 |
| | +0.4277 | +0.0221 | 11/05/93 | 306140 | |
| SR 89 | | | | | |
| | | -0.0089 | +0.0142 | 05/26/93 | 302436 |
| | | -0.1039 | +0.2000 | 11/05/93 | 306140 |
| SR 90 | | | | | |
| | | +0.0016 | +0.0058 | 05/26/93 | 302436 |
| | | +0.0687 | +0.1110 | 11/05/93 | 306140 |
| 3141 TRM 527.4 0.4 MILES DOWNSTREA | GAMMA SCAN (GELI) | | | | |
| | AC-228 | +1.4912 | +0.0777 | 05/26/93 | 302440 |
| | | +1.8761 | +0.0966 | 11/05/93 | 306144 |
| | BI-212 | +1.4059 | +0.0890 | 05/26/93 | 302440 |
| | | +2.1056 | +0.1291 | 11/05/93 | 306144 |
| | BI-214 | +0.9149 | +0.0439 | 05/26/93 | 302440 |
| | | +1.1441 | +0.0515 | 11/05/93 | 306144 |
| CS-137 | +0.0448 | +0.0053 | 11/05/93 | 306144 | |
| K-40 | +14.6720 | +0.6223 | 05/26/93 | 302440 | |

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 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN SEDIMENT
 PCI/GM - 0.037 BQ/G (DRY WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO | |
|---|-----------------------|----------|------------|-----------|----------|--------|
| | | | TERM | COLLECTED | | |
| 3141 TRM 527.4 0.4 MILES DOWNSTREA | GAMMA SCAN (GELI) | | | | | |
| | K-40 | +10.6500 | +0.5107 | 11/05/93 | 306144 | |
| | PB-212 | +1.3680 | +0.0728 | 05/26/93 | 302440 | |
| | | +1.8582 | +0.0751 | 11/05/93 | 306144 | |
| | PB-214 | +0.9755 | +0.0456 | 05/26/93 | 302440 | |
| | | +1.2619 | +0.0566 | 11/05/93 | 306144 | |
| | RA-224 | +2.1064 | +0.1600 | 11/05/93 | 306144 | |
| | RA-226 | +0.9149 | +0.0439 | 05/26/93 | 302440 | |
| | | +1.1441 | +0.0515 | 11/05/93 | 306144 | |
| | TL-208 | +0.4597 | +0.0219 | 05/26/93 | 302440 | |
| | | +0.6435 | +0.0281 | 11/05/93 | 306144 | |
| | SR 89 | | | | | |
| | | | -0.0087 | +0.0122 | 05/26/93 | 302440 |
| | | | +0.1920 | +0.2210 | 11/05/93 | 306144 |
| | SR 90 | | | | | |
| | | +0.0027 | +0.0050 | 05/26/93 | 302440 | |
| | | -0.1309 | +0.1190 | 11/05/93 | 306144 | |
| 3142 TRM 518.0 | GAMMA SCAN (GELI) | | | | | |
| | AC-228 | +1.1636 | +0.0624 | 05/26/93 | 302444 | |
| | | +1.3309 | +0.0783 | 11/05/93 | 306147 | |
| | BE-7 | +0.3435 | +0.0774 | 05/26/93 | 302444 | |
| | | +0.2618 | +0.0356 | 11/05/93 | 306147 | |
| | BI-212 | +1.2229 | +0.1037 | 05/26/93 | 302444 | |
| | | +1.4607 | +0.1050 | 11/05/93 | 306147 | |
| | BI-214 | +0.8804 | +0.0433 | 05/26/93 | 302444 | |
| | | +0.9463 | +0.0421 | 11/05/93 | 306147 | |
| | CS-137 | +0.0790 | +0.0080 | 05/26/93 | 302444 | |
| | | +0.1549 | +0.0124 | 11/05/93 | 306147 | |
| | K-40 | +14.7780 | +0.6381 | 05/26/93 | 302444 | |
| | | +15.1840 | +0.6788 | 11/05/93 | 306147 | |
| | PB-212 | +1.1045 | +0.0518 | 05/26/93 | 302444 | |
| | | +1.2783 | +0.0697 | 11/05/93 | 306147 | |
| PB-214 | +0.9092 | +0.0459 | 05/26/93 | 302444 | | |
| | +1.0037 | +0.0456 | 11/05/93 | 306147 | | |
| RA-224 | +1.1265 | +0.1307 | 05/26/93 | 302444 | | |
| RA-226 | +0.8804 | +0.0433 | 05/26/93 | 302444 | | |

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 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN SEDIMENT
 PCI/GM - 0.037 BQ/G (DRY WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | |
|-----------------------------------|-----------------------|----------|------------|------------------|
| | | | TERM | COLLECTED LAB NO |
| 3142 TRM 518.0 | GAMMA SCAN (GELI) | | | |
| | RA-226 | +0.9463 | +0.0421 | 11/05/93 306147 |
| | TL-208 | +0.3915 | +0.0174 | 05/26/93 302444 |
| | | +0.4264 | +0.0222 | 11/05/93 306147 |
| | SR 89 | | | |
| | | -0.0209 | +0.0123 | 05/26/93 302444 |
| | | -0.1209 | +0.2310 | 11/05/93 306147 |
| | SR 90 | | | |
| | | +0.0097 | +0.0052 | 05/26/93 302444 |
| | | +0.0854 | +0.1270 | 11/05/93 306147 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN SHORELINE SEDIMENT
 PCI/GM - 0.037 BQ/G (DRY WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR TERM | DATE COLLECTED | LAB NO |
|-----------------------------------|--------------------|----------|------------|----------------|--------|
| 3191 WATTS BAR RESORT TRM 530 | GAMMA SCAN (GEL1) | | | | |
| | AC-228 | +0.4401 | +0.0321 | 04/26/93 | 302445 |
| | | +1.0841 | +0.0646 | 10/27/93 | 306148 |
| | BI-212 | +0.4544 | +0.0576 | 04/26/93 | 302445 |
| | | +1.1488 | +0.0876 | 10/27/93 | 306148 |
| | BI-214 | +0.3342 | +0.0208 | 04/26/93 | 302445 |
| | | +0.7842 | +0.0347 | 10/27/93 | 306148 |
| | CS-137 | +0.0197 | +0.0029 | 04/26/93 | 302445 |
| | | +0.0273 | +0.0044 | 10/27/93 | 306148 |
| | K-40 | +0.6547 | +0.0651 | 04/26/93 | 302445 |
| | | +2.6904 | +0.2208 | 10/27/93 | 306148 |
| | PB-212 | +0.4354 | +0.0223 | 04/26/93 | 302445 |
| | | +1.0237 | +0.0486 | 10/27/93 | 306148 |
| | PB-214 | +0.3541 | +0.0205 | 04/26/93 | 302445 |
| | | +0.8847 | +0.0428 | 10/27/93 | 306148 |
| | RA-224 | +0.5012 | +0.0658 | 04/26/93 | 302445 |
| | | +1.1814 | +0.1384 | 10/27/93 | 306148 |
| | RA-226 | +0.3342 | +0.0208 | 04/26/93 | 302445 |
| | | +0.7842 | +0.0347 | 10/27/93 | 306148 |
| | TL-208 | +0.1441 | +0.0100 | 04/26/93 | 302445 |
| | +0.3720 | +0.0180 | 10/27/93 | 306148 | |
| SR 89 | | | | | |
| | | +0.4070 | +0.3900 | 04/26/93 | 302445 |
| | | -0.0120 | +0.2910 | 10/27/93 | 306148 |
| SR 90 | | | | | |
| | | -0.1749 | +0.1490 | 04/26/93 | 302445 |
| | | +0.0317 | +0.1400 | 10/27/93 | 306148 |
| 3193 COTTON PORT MARINA TRM 513 | GAMMA SCAN (GEL1) | | | | |
| | AC-228 | +1.4362 | +0.0708 | 04/26/93 | 302446 |
| | | +1.4474 | +0.0788 | 11/03/93 | 306150 |
| | BI-212 | +1.4861 | +0.1252 | 04/26/93 | 302446 |
| | | +1.4808 | +0.1311 | 11/03/93 | 306150 |
| | BI-214 | +0.9476 | +0.0518 | 04/26/93 | 302446 |
| | +0.7004 | +0.0457 | 11/03/93 | 306150 | |
| CS-137 | +0.2209 | +0.0148 | 04/26/93 | 302446 | |
| | +0.1103 | +0.0098 | 11/03/93 | 306150 | |

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 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN SHORELINE SEDIMENT
 PCI/GM - 0.037 BQ/G (DRY WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | |
|-----------------------------------|-----------------------|----------|-------------------------|------------------|
| | | | TERM | COLLECTED LAB NO |
| 3193 COTTON PORT MARINA TRM 513 | GAMMA SCAN (GELI) | | | |
| | K-40 | +17.1430 | +0.7252 | 04/26/93 302446 |
| | | +25.0070 | +1.0985 | 11/03/93 306150 |
| | PB-212 | +1.3164 | +0.0491 | 04/26/93 302446 |
| | | +1.4133 | +0.0676 | 11/03/93 306150 |
| | PB-214 | +1.0658 | +0.0526 | 04/26/93 302446 |
| | | +0.7522 | +0.0450 | 11/03/93 306150 |
| | RA-224 | +1.3985 | +0.0971 | 04/26/93 302446 |
| | | +1.5384 | +0.1920 | 11/03/93 306150 |
| | RA-226 | +0.9476 | +0.0518 | 04/26/93 302446 |
| | | +0.7004 | +0.0457 | 11/03/93 306150 |
| | TH-227 | +0.0809 | +0.0120 | 04/26/93 302446 |
| | TL-208 | +0.4673 | +0.0241 | 04/26/93 302446 |
| | | +0.5066 | +0.0250 | 11/03/93 306150 |
| | SR 89 | | | |
| | | -0.2699 | +0.3170 04/26/93 302446 | |
| | | -0.0975 | +0.1500 11/03/93 306150 | |
| SR 90 | | | | |
| | | +0.1010 | +0.1250 04/26/93 302446 | |
| | | +0.0598 | +0.0836 11/03/93 306150 | |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAMS
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN CLAM FLESH
 PCI/GM - 0.037 BQ/G (DRY WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO |
|---------------------------------------|-----------------------|----------|------------|-----------|--------|
| | | | TERM | COLLECTED | |
| 3141 TRM 527.4 0.4 MILES DOWNSTREA | GAMMA SCAN (GELI) | | | | |
| | BI-214 | +1.2800 | +0.1793 | 05/26/93 | 302438 |
| | | +0.0735 | +0.0819 | 11/05/93 | 306141 |
| | PB-212 | +0.2673 | +0.0749 | 05/26/93 | 302438 |
| | | +0.0309 | +0.0490 | 11/05/93 | 306141 |
| | PB-214 | +1.1787 | +0.1380 | 05/26/93 | 302438 |
| | | +0.0509 | +0.0761 | 11/05/93 | 306141 |
| | TL-208 | +0.0320 | +0.0359 | 05/26/93 | 302438 |
| | +0.0423 | +0.0383 | 11/05/93 | 306141 | |
| 3142 TRM 518.0 | GAMMA SCAN (GELI) | | | | |
| | AC-228 | +0.1007 | +0.1211 | 11/05/93 | 306145 |
| | BI-214 | +0.6728 | +0.1192 | 05/26/93 | 302442 |
| | | +0.4365 | +0.0974 | 11/05/93 | 306145 |
| | K-40 | +1.1700 | +0.5492 | 05/26/93 | 302442 |
| | PB-212 | +0.1087 | +0.0541 | 11/05/93 | 306145 |
| | PB-214 | +0.8427 | +0.1243 | 05/26/93 | 302442 |
| | | +0.4029 | +0.1000 | 11/05/93 | 306145 |
| TL-208 | +0.0511 | +0.0362 | 11/05/93 | 306145 | |
| 3144 UPSTREAM | GAMMA SCAN (GELI) | | | | |
| | AC-228 | +0.1592 | +0.1627 | 11/05/93 | 306658 |
| | BI-214 | +0.2095 | +0.1297 | 11/05/93 | 306658 |
| | K-40 | +1.9580 | +0.8211 | 11/05/93 | 306658 |
| | PB-214 | +0.1622 | +0.1019 | 11/05/93 | 306658 |

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 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN PLANKTON
 PCI/GM - 0.037 BQ/G (DRY WEIGHT)
 12/28/92 TO 12/26/93

| STATION CODE/LOCATION/DESCRIPTION | ANALYSIS (NUCLIDE) | ACTIVITY | ERROR DATE | | LAB NO |
|---------------------------------------|-----------------------|----------|------------|-----------|--------|
| | | | TERM | COLLECTED | |
| 2155 TRM 496.50 | GROSS BETA | | | | |
| | | +22.4920 | +3.5663 | 05/25/93 | 302348 |
| | GAMMA SCAN (GELI) | | | | |
| | AC-228 | +2.9416 | +2.9043 | 05/25/93 | 302348 |
| | BI-214 | +3.8605 | +1.3844 | 05/25/93 | 302348 |
| | | +4.6287 | +1.4505 | 11/05/93 | 306088 |
| | K-40 | +13.3960 | +10.7240 | 05/25/93 | 302348 |
| 3140 TRM 532.1 4.3 MILES UPSTREAM | PB-214 | +4.3605 | +1.2399 | 05/25/93 | 302348 |
| | | +4.5362 | +1.2126 | 11/05/93 | 306088 |
| | GROSS BETA | | | | |
| | | +22.8470 | +3.6192 | 05/26/93 | 302435 |
| | GAMMA SCAN (GELI) | | | | |
| | AC-228 | +0.5045 | +0.8814 | 05/26/93 | 302435 |
| | BE-7 | +12.0250 | +1.8727 | 05/26/93 | 302435 |
| 3141 TRM 527.4 0.4 MILES DOWNSTREA | BI-214 | +1.3880 | +0.5012 | 05/26/93 | 302435 |
| | K-40 | +6.1353 | +3.4574 | 05/26/93 | 302435 |
| | PB-212 | +0.0259 | +0.2563 | 05/26/93 | 302435 |
| | PB-214 | +0.5969 | +0.5449 | 05/26/93 | 302435 |
| | GROSS BETA | | | | |
| | | +30.4450 | +4.7531 | 05/26/93 | 302439 |
| | GAMMA SCAN (GELI) | | | | |
| 3142 TRM 518.0 | AC-228 | +0.7591 | +0.6976 | 05/26/93 | 302439 |
| | BE-7 | +9.8863 | +1.7896 | 05/26/93 | 302439 |
| | BI-214 | +2.1199 | +0.5226 | 05/26/93 | 302439 |
| | CS-137 | +0.6379 | +0.1442 | 05/26/93 | 302439 |
| | K-40 | +10.7940 | +3.4514 | 05/26/93 | 302439 |
| | PB-214 | +2.3413 | +0.5004 | 05/26/93 | 302439 |
| | TL-208 | +0.0391 | +0.2047 | 05/26/93 | 302439 |
| | GROSS BETA | | | | |
| | +31.8880 | +4.9688 | 05/26/93 | 302443 | |
| 3142 TRM 518.0 | GAMMA SCAN (GELI) | | | | |
| | BI-214 | +9.8395 | +2.7834 | 05/26/93 | 302443 |

TENNESSEE VALLEY AUTHORITY
 TECHNICAL PROGRAM
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

WATTS BAR NUCLEAR PLANT
 RADIOACTIVITY IN PLANKTON
 PCI/GM - 0.037 BQ/G (DRY WEIGHT)
 12/28/92 TO 12/26/93

STATION CODE/LOCATION/DESCRIPTION

ANALYSIS
 (NUCLIDE)

ACTIVITY

ERROR DATE
 TERM COLLECTED LAB NO

3142 TRM 518.0

GAMMA SCAN (GELI)

| | | | | |
|--------|----------|----------|----------|--------|
| BI-214 | +8.5038 | +1.4102 | 11/05/93 | 306146 |
| K-40 | +19.0440 | +14.6010 | 05/26/93 | 302443 |
| | +17.1870 | +8.5538 | 11/05/93 | 306146 |
| PB-212 | +3.4989 | +1.7651 | 05/26/93 | 302443 |
| | +0.6599 | +1.0304 | 11/05/93 | 306146 |
| PB-214 | +11.8810 | +2.7108 | 05/26/93 | 302443 |
| | +8.8436 | +1.5432 | 11/05/93 | 306146 |
| TL-208 | +0.2669 | +0.6413 | 05/26/93 | 302443 |

TLD EXPOSURE BY DISTANCE
TENNESSEE VALLEY AUTHORITY
ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
WESTERN AREA RADIOLOGICAL LABORATORY

Facility WBNP

Quarter 1 Year 1993

Watts Bar Nuclear Plant, First Quarter 1993

| LOC CODE | DESCRIPTION | DISTANCE Miles | DIRECT Deg | MEAN ----- mR per | STDEV Std | MEDIAN Qtr | MED DEV ----- | COUNT | #STNS |
|----------|--------------------------------|-------------------|---------------|-------------------------|--------------|---------------|------------------|-------|-------|
| WBSSE-1 | #5 @ INTAKE | .620 | 156 | 14.280 | .676 | 14.670 | | 9 | |
| WBENE-1 | #3 ASH DISPOSAL | .740 | 74 | 17.760 | 2.311 | 17.350 | | 9 | |
| WBS-1 | #6 W. WELL #2 | .740 | 182 | 12.930 | .494 | 12.810 | | 9 | |
| WBSSW-1 | #7 @ RIVER | .810 | 199 | 17.650 | .424 | 17.710 | | 9 | |
| WBSW-1 | ROAD SOUTH OF STORAGE YARD | .810 | 226 | 16.820 | .635 | 16.820 | | 9 | |
| WBSE-1A | LM-4 WB | .860 | 138 | 13.650 | .169 | 13.670 | | 9 | |
| WBWSW-1 | SOUTHWEST OF STORAGE YARD | .870 | 255 | 13.510 | .332 | 13.460 | | 9 | |
| WBWNW-1 | SITE BOUNDARY @ FENCE | .870 | 294 | 20.840 | .538 | 20.860 | | 9 | |
| WBNE-1 | #2 WBSP | .930 | 39 | 22.710 | 1.873 | 22.910 | | 9 | |
| WBW-1 | #10, CURVE | .930 | 270 | 15.780 | 1.676 | 15.130 | | 9 | |
| WBNW-1 | HIGHWAY 68 @ PLANT ROAD | .990 | 340 | 14.500 | 2.133 | 13.370 | | 9 | |
| | GROUP .5 TO 1.0 | | | 16.403 | 1.276 | 16.251 | 3.128 | 99 | 11 |
| WBNW-1 | SITE BOUNDARY, EDGE OF WOODS | 1.060 | 320 | 17.610 | 3.197 | 15.280 | | 9 | |
| WBNNE-1 | BLUFF, S. OF DAM | 1.180 | 21 | 17.290 | 2.868 | 16.250 | | 9 | |
| WBN-1 | WATTS BAR DAM #1 SWITCHYARD | 1.240 | 10 | 16.260 | .861 | 16.360 | | 9 | |
| WBSE-1 | RIVER ROAD @ KINCAID SPRING | 1.240 | 109 | 12.440 | .874 | 12.260 | | 9 | |
| WBSSW-2 | LAYMAN DAIRY | 1.260 | 200 | 14.650 | .557 | 14.470 | | 9 | |
| WBE-1 | FENCE EAST SIDE OF RIVER ROAD | 1.300 | 85 | 13.690 | .350 | 13.790 | | 9 | |
| | GROUP 1.0 TO 2.0 | | | 15.323 | 1.843 | 14.735 | 1.433 | 54 | 6 |
| | GROUP .5 TO 2.0 | | | 16.022 | 1.501 | 15.716 | 2.753 | 153 | 17 |
| WBS-2A | River Rd., S of Sewee Creek | 2.020 | 177 | 14.620 | .468 | 14.520 | | 9 | |
| WBNE-2 | AKEMAN CROSSROADS | 2.860 | 54 | 17.060 | 2.726 | 16.920 | | 9 | |
| WBNW-2A | Hwy 68, West | 2.950 | 321 | 15.360 | 2.350 | 15.150 | | 9 | |
| WBSE-2A | Center Pt. Rd. N of Hwy 68 | 3.140 | 144 | 13.780 | .966 | 13.420 | | 9 | |
| WBW-2A | Dixie Hwy, W of Johns Chapel | 3.170 | 268 | 16.950 | 2.512 | 16.730 | | 9 | |
| WBENE-2A | Hwy 68 at Decatur Auto Parts | 3.530 | 69 | 11.290 | .271 | 11.290 | | 9 | |
| | GROUP 2.0 TO 4.0 | | | 14.843 | 1.848 | 14.672 | 1.938 | 54 | 6 |
| WBNNE-2 | NEAR COLLINS CEMETARY | 4.090 | 20 | 12.460 | .387 | 12.380 | | 9 | |
| WBWSW-2 | BREEDENTON FRY RD AT DIXIE HWY | 4.130 | 247 | 10.890 | .491 | 11.070 | | 9 | |
| WBSE-2 | CENTER POINT ROAD SOUTH | 4.360 | 106 | 17.380 | 1.185 | 17.120 | | 9 | |
| WBNW-2 | NE WOLF CREEK ROAD @ RIVER | 4.460 | 333 | 14.050 | .461 | 14.100 | | 9 | |
| WBNW-2 | WOLF CREEK ROAD, NORTH | 4.710 | 313 | 14.940 | .444 | 15.050 | | 9 | |
| WBN-2 | DICKEY BLUFF | 4.710 | 350 | 13.900 | .459 | 13.870 | | 9 | |
| WBS-2 | RIVER ROAD N. DECATUR HILLS | 4.770 | 185 | 11.090 | .473 | 11.030 | | 9 | |
| WBW-2 | HIGH POINT ROAD | 4.840 | 277 | 10.780 | 2.462 | 11.550 | | 9 | |
| WBWNW-2 | WOLF CREEK ROAD, SOUTH | 4.900 | 292 | 15.880 | .715 | 15.700 | | 9 | |

TLD EXPOSURE BY DISTANCE
 TENNESSEE VALLEY AUTHORITY
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

Facility WBNP

Quarter 1 Year 1993

Watts Bar Nuclear Plant, First Quarter 1993

| LOC CODE | DESCRIPTION | DISTANCE Miles | DIRECT Deg | MEAN ----- mR | STDEV per | MEDIAN Std | MED DEV Qtr | COUNT | #STNS |
|----------|------------------------------|-------------------|---------------|---------------------|--------------|---------------|----------------|-------|-------|
| WBE-2 | CENTER POINT ROAD NORTH | 4.960 | 92 | 14.470 | .856 | 14.580 | | 9 | |
| WBSSW-3 | HUNTER BEND ROAD | 5.020 | 199 | 12.490 | .474 | 12.600 | | 9 | |
| WBSE-2 | NO PONE VALLEY ROAD, NORTH | 5.270 | 128 | 12.310 | .487 | 12.290 | | 9 | |
| WBSW-2 | HUNTER BEND RD. DITNEY RIDGE | 5.270 | 220 | 12.830 | .613 | 12.650 | | 9 | |
| WBNE-2 | HIGHWAY 58 | 5.830 | 69 | 12.730 | .724 | 12.920 | | 9 | |
| WBSSE-2 | NO PONE VALLEY ROAD, SOUTH | 5.830 | 156 | 14.130 | .552 | 14.020 | | 9 | |
| | GROUP 4.0 TO 6.0 | | | 13.355 | .880 | 13.395 | 1.683 | 135 | 15 |
| WBNE-3 | PLEASANT HILL | 6.080 | 47 | 15.880 | 4.239 | 16.500 | | 9 | |
| WBS-3 | PM-5 WB | 6.180 | 185 | 13.250 | 1.692 | 13.330 | | 9 | |
| WBNNW-3 | SPRING CITY WATER PLANT | 6.960 | 329 | 11.490 | 1.176 | 11.170 | | 9 | |
| WBNW-3 | PM-2 WB | 6.980 | 317 | 16.660 | 1.993 | 16.030 | | 9 | |
| WBNE-3 | PM-4 WB | 7.560 | 56 | 12.720 | .486 | 12.770 | | 9 | |
| WBNNE-3 | PM-3 WB | 10.440 | 17 | 14.010 | 2.806 | 12.740 | | 9 | |
| WBNNW-4 | RM-3 WB | 14.880 | 337 | 12.390 | .558 | 12.430 | | 9 | |
| WBSW-3 | RM-2 WB | 14.960 | 225 | 12.500 | .749 | 12.250 | | 9 | |
| WBE-3 | BILDERBACK DAIRY | 15.000 | 90 | 15.530 | 2.111 | 16.080 | | 9 | |
| | GROUP 6.0 AND GREATER | | | 13.826 | 2.098 | 13.700 | 1.855 | 81 | 9 |
| | GROUP 2.0 AND GREATER | | | 13.794 | 1.546 | 13.742 | 1.853 | 270 | 30 |
| | GROUP .5 AND GREATER | | | 14.600 | 1.530 | 14.456 | 2.415 | 423 | 47 |

TLD EXPOSURE BY DISTANCE
 TENNESSEE VALLEY AUTHORITY
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

Facility WBNP

Quarter 2 Year 1993

Watts Bar Nuclear Plant, Second Quarter 1993

| LOC CODE | DESCRIPTION | DISTANCE Miles | DIRECT Deg | MEAN ----- mR per | STDEV Std | MEDIAN Qtr | MED DEV ----- | COUNT | #STNS |
|----------|--------------------------------|-------------------|---------------|-------------------------|--------------|---------------|------------------|-------|-------|
| WBSSE-1 | #5 @ INTAKE | .620 | 156 | 15.180 | .784 | 15.200 | | 9 | |
| WBENE-1 | #3 ASH DISPOSAL | .740 | 74 | 16.140 | .732 | 15.950 | | 9 | |
| WBS-1 | #6 W. WELL #2 | .740 | 182 | 14.760 | .841 | 15.110 | | 9 | |
| WBSSW-1 | #7 @ RIVER | .810 | 199 | 19.440 | .563 | 19.200 | | 9 | |
| WBWSW-1 | ROAD SOUTH OF STORAGE YARD | .810 | 226 | 17.310 | 1.128 | 16.700 | | 9 | |
| WBSE-1A | LM-4 WB | .860 | 138 | 14.230 | .455 | 14.170 | | 9 | |
| WBWSW-1 | SOUTHWEST OF STORAGE YARD | .870 | 255 | 14.980 | .975 | 14.850 | | 9 | |
| WBWNW-1 | SITE BOUNDARY @ FENCE | .870 | 294 | 22.310 | 1.800 | 21.450 | | 9 | |
| WBNE-1 | #2 WBSP | .930 | 39 | 18.220 | 1.107 | 18.590 | | 9 | |
| WBW-1 | #10, CURVE | .930 | 270 | 16.400 | .752 | 16.110 | | 9 | |
| WBNNW-1 | HIGHWAY 68 @ PLANT ROAD | .990 | 340 | 14.000 | .712 | 13.900 | | 9 | |
| | GROUP .5 TO 1.0 | | | 16.634 | .960 | 16.475 | 2.240 | 99 | 11 |
| WBWN-1 | SITE BOUNDARY, EDGE OF WOODS | 1.060 | 320 | 16.250 | .519 | 16.240 | | 9 | |
| WBNE-1 | BLUFF, S. OF DAM | 1.180 | 21 | 16.110 | 1.624 | 16.340 | | 9 | |
| WBN-1 | WATTS BAR DAM #1 SWITCHYARD | 1.240 | 10 | 18.120 | .847 | 17.900 | | 9 | |
| WBESE-1 | RIVER ROAD @ KINCAID SPRING | 1.240 | 109 | 13.630 | .712 | 13.670 | | 9 | |
| WBSSW-2 | LAYMAN DAIRY | 1.260 | 200 | 15.820 | .459 | 15.910 | | 9 | |
| WBE-1 | FENCE EAST SIDE OF RIVER ROAD | 1.300 | 85 | 13.840 | .810 | 13.790 | | 9 | |
| WBNE-1A | LM-3 WB | 1.920 | 22 | 14.280 | .840 | 14.280 | | 9 | |
| | GROUP 1.0 TO 2.0 | | | 15.436 | .903 | 15.447 | 1.460 | 63 | 7 |
| | GROUP .5 TO 2.0 | | | 16.168 | .938 | 16.076 | 2.036 | 162 | 18 |
| WBS-2A | River Rd., S of Sewee Creek | 2.020 | 177 | 16.070 | .916 | 16.440 | | 9 | |
| WBNE-2 | AKEMAN CROSSROADS | 2.860 | 54 | 14.360 | .858 | 14.300 | | 9 | |
| WBWN-2A | Hwy 68, West | 2.950 | 321 | 13.960 | 1.018 | 13.720 | | 9 | |
| WBSE-2A | Center Pt. Rd. W of Hwy 68 | 3.140 | 144 | 14.730 | 1.130 | 14.620 | | 9 | |
| WBW-2A | Dixie Hwy, W of Johns Chapel | 3.170 | 268 | 15.570 | 1.576 | 14.940 | | 9 | |
| WBENE-2A | Hwy 68 at Decatur Auto Parts | 3.530 | 69 | 12.370 | .787 | 12.390 | | 9 | |
| | GROUP 2.0 TO 4.0 | | | 14.510 | 1.079 | 14.402 | 1.226 | 54 | 6 |
| WBNE-2 | NEAR COLLINS CEMETARY | 4.090 | 20 | 13.210 | .699 | 13.450 | | 9 | |
| WBWSW-2 | BREEDENTON FRY RD AT DIXIE HWY | 4.130 | 247 | 12.550 | 1.275 | 12.050 | | 9 | |
| WBESE-2 | CENTER POINT ROAD SOUTH | 4.360 | 106 | 18.320 | .571 | 18.330 | | 9 | |
| WBNNW-2 | NE WOLF CREEK ROAD @ RIVER | 4.460 | 333 | 15.000 | .712 | 15.050 | | 9 | |
| WBWN-2 | WOLF CREEK ROAD, NORTH | 4.710 | 313 | 16.300 | .902 | 15.960 | | 9 | |
| WBN-2 | DICKEY BLUFF | 4.710 | 350 | 16.040 | 1.597 | 15.380 | | 9 | |
| WBS-2 | RIVER ROAD N. DECATUR HILLS | 4.770 | 185 | 12.250 | 1.038 | 12.130 | | 9 | |
| WBW-2 | HIGH POINT ROAD | 4.840 | 277 | 13.130 | .771 | 12.960 | | 9 | |

TLD EXPOSURE BY DISTANCE
 TENNESSEE VALLEY AUTHORITY
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

Facility WBNP

Quarter 2 Year 1993

Watts Bar Nuclear Plant, Second Quarter 1993

| LOC CODE | DESCRIPTION | DISTANCE Miles | DIRECT Deg | MEAN ----- mR per | STDEV Std | MEDIAN Qtr | MED DEV ----- | COUNT | #STNS |
|----------|------------------------------|-------------------|---------------|-------------------------|--------------|---------------|------------------|-------|-------|
| WBWNW-2 | WOLF CREEK ROAD, SOUTH | 4.900 | 292 | 17.020 | .842 | 16.870 | | 9 | |
| WBE-2 | CENTER POINT ROAD NORTH | 4.960 | 92 | 15.010 | .942 | 14.800 | | 9 | |
| WBSSW-3 | HUNTER BEND ROAD | 5.020 | 199 | 14.370 | 1.896 | 14.960 | | 9 | |
| WBSE-2 | NO PONE VALLEY ROAD, NORTH | 5.270 | 128 | 13.490 | 1.130 | 13.310 | | 9 | |
| WBSW-2 | HUNTER BEND RD. DITNEY RIDGE | 5.270 | 220 | 13.770 | 1.457 | 13.180 | | 9 | |
| WBENE-2 | HIGHWAY 58 | 5.830 | 69 | 13.870 | .697 | 13.830 | | 9 | |
| WBSSW-2 | NO PONE VALLEY ROAD, SOUTH | 5.830 | 156 | 15.840 | .793 | 15.790 | | 9 | |
| | GROUP 4.0 TO 6.0 | | | 14.678 | 1.086 | 14.537 | 1.715 | 135 | 15 |
| WBNE-3 | PLEASANT HILL | 6.080 | 47 | 12.710 | .622 | 12.460 | | 9 | |
| WBS-3 | PM-5 WB | 6.180 | 185 | 15.530 | 1.061 | 15.260 | | 9 | |
| WBNNW-3 | SPRING CITY WATER PLANT | 6.960 | 329 | 12.960 | 1.038 | 12.880 | | 9 | |
| WBNNW-3 | PM-2 WB | 6.980 | 317 | 17.670 | .802 | 17.930 | | 9 | |
| WBENE-3 | PM-4 WB | 7.560 | 56 | 13.450 | .340 | 13.510 | | 9 | |
| WBNE-3 | PM-3 WB | 10.440 | 17 | 13.490 | .847 | 13.430 | | 9 | |
| WBNNW-4 | RM-3 WB | 14.880 | 337 | 13.330 | 1.085 | 13.690 | | 9 | |
| WBSW-3 | RM-2 WB | 14.960 | 225 | 13.050 | .861 | 13.180 | | 9 | |
| WBE-3 | BILDERBACK DAIRY | 15.000 | 90 | 17.340 | .929 | 17.320 | | 9 | |
| | GROUP 6.0 AND GREATER | | | 14.392 | .872 | 14.407 | 1.872 | 81 | 9 |
| | GROUP 2.0 AND GREATER | | | 14.559 | 1.025 | 14.471 | 1.681 | 270 | 30 |
| | GROUP .5 AND GREATER | | | 15.162 | .993 | 15.072 | 1.981 | 432 | 48 |

TLD EXPOSURE BY DISTANCE
 TENNESSEE VALLEY AUTHORITY
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

Facility WBNP

Quarter 3 Year 1993

Watts Bar Nuclear Plant, Third Quarter 1993

| LOC CODE | DESCRIPTION | DISTANCE Miles | DIRECT Deg | MEAN ----- mR | STDEV per | MEDIAN Std | MED DEV Qtr | COUNT | #STNS |
|----------|--------------------------------|-------------------|---------------|---------------------|--------------|---------------|----------------|-------|-------|
| WBSSE-1 | #5 @ INTAKE | .620 | 156 | 15.070 | .578 | 15.090 | | 9 | |
| WBENE-1 | #3 ASH DISPOSAL | .740 | 74 | 19.160 | 3.995 | 17.020 | | 9 | |
| WBS-1 | #6 W. WELL #2 | .740 | 182 | 13.940 | .526 | 13.740 | | 9 | |
| WBSSW-1 | #7 @ RIVER | .810 | 199 | 18.440 | .663 | 18.450 | | 9 | |
| WBSW-1 | ROAD SOUTH OF STORAGE YARD | .810 | 226 | 17.480 | .485 | 17.420 | | 9 | |
| WBSE-1A | LM-4 WB | .860 | 138 | 14.120 | .744 | 13.980 | | 9 | |
| WBWSW-1 | SOUTHWEST OF STORAGE YARD | .870 | 255 | 13.810 | .550 | 13.600 | | 9 | |
| WBWNW-1 | SITE BOUNDARY @ FENCE | .870 | 294 | 21.930 | .789 | 22.060 | | 9 | |
| WBNE-1 | #2 WBSP | .930 | 39 | 17.990 | .565 | 17.760 | | 9 | |
| WBW-1 | #10, CURVE | .930 | 270 | 15.500 | .559 | 15.600 | | 9 | |
| WBNNW-1 | HIGHWAY 68 @ PLANT ROAD | .990 | 340 | 14.080 | .400 | 14.200 | | 9 | |
| | GROUP .5 TO 1.0 | | | 16.502 | 1.332 | 16.265 | 2.473 | 99 | 11 |
| WBNW-1 | SITE BOUNDARY, EDGE OF WOODS | 1.060 | 320 | 16.500 | .556 | 16.630 | | 9 | |
| WBNNE-1 | BLUFF, S. OF DAM | 1.180 | 21 | 16.390 | .662 | 16.330 | | 9 | |
| WBN-1 | WATTS BAR DAM #1 SWITCHYARD | 1.240 | 10 | 16.720 | .799 | 16.710 | | 9 | |
| WBESE-1 | RIVER ROAD @ KINCAID SPRING | 1.240 | 109 | 13.720 | .654 | 13.630 | | 9 | |
| WBSSW-2 | LAYMAN DAIRY | 1.260 | 200 | 15.490 | .607 | 15.690 | | 9 | |
| WBE-1 | FENCE EAST SIDE OF RIVER ROAD | 1.300 | 85 | 15.080 | .433 | 15.000 | | 9 | |
| WBNNE-1A | LM-3 WB | 1.920 | 22 | 13.850 | .568 | 13.630 | | 9 | |
| | GROUP 1.0 TO 2.0 | | | 15.393 | .620 | 15.374 | 1.231 | 63 | 7 |
| | GROUP .5 TO 2.0 | | | 16.071 | 1.111 | 15.919 | 2.125 | 162 | 18 |
| WBS-2A | River Rd., S of Sewee Creek | 2.020 | 177 | 15.560 | .327 | 15.570 | | 9 | |
| WBNE-2 | AKEMAN CROSSROADS | 2.860 | 54 | 14.600 | .634 | 14.750 | | 9 | |
| WBNW-2A | Hwy 68, West | 2.950 | 321 | 13.560 | .310 | 13.590 | | 9 | |
| WBESE-2A | Center Pt. Rd. N of Hwy 68 | 3.140 | 144 | 14.570 | .867 | 14.550 | | 9 | |
| WBW-2A | Dixie Hwy, W of Johns Chapel | 3.170 | 268 | 15.140 | .454 | 15.250 | | 9 | |
| WBENE-2A | Hwy 68 at Decatur Auto Parts | 3.530 | 69 | 12.280 | .585 | 12.090 | | 9 | |
| | GROUP 2.0 TO 4.0 | | | 14.285 | .563 | 14.300 | 1.167 | 54 | 6 |
| WBNNE-2 | NEAR COLLINS CEMETARY | 4.090 | 20 | 12.880 | .521 | 12.960 | | 9 | |
| WBWSW-2 | BREEDENTON FRY RD AT DIXIE HWY | 4.130 | 247 | 11.620 | .661 | 11.630 | | 9 | |
| WBESE-2 | CENTER POINT ROAD SOUTH | 4.360 | 106 | 19.140 | .536 | 19.100 | | 9 | |
| WBNNW-2 | NE WOLF CREEK ROAD @ RIVER | 4.460 | 333 | 15.400 | .508 | 15.350 | | 9 | |
| WBNW-2 | WOLF CREEK ROAD, NORTH | 4.710 | 313 | 16.880 | .587 | 16.940 | | 9 | |
| WBN-2 | DICKEY BLUFF | 4.710 | 350 | 14.860 | .465 | 14.780 | | 9 | |
| WBS-2 | RIVER ROAD N. DECATUR HILLS | 4.770 | 185 | 11.630 | .335 | 11.570 | | 9 | |
| WBW-2 | HIGH POINT ROAD | 4.840 | 277 | 12.790 | .238 | 12.790 | | 9 | |

TLD EXPOSURE BY DISTANCE
 TENNESSEE VALLEY AUTHORITY
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

Facility WBNP

Quarter 3 Year 1993

Watts Bar Nuclear Plant, Third Quarter 1993

| LOC CODE | DESCRIPTION | DISTANCE Miles | DIRECT Deg | MEAN ----- mR | STDEV per | MEDIAN Std | MED DEV Qtr | COUNT | #STNS |
|----------|------------------------------|-------------------|---------------|---------------------|--------------|---------------|----------------|-------|-------|
| WBWNW-2 | WOLF CREEK ROAD, SOUTH | 4.900 | 292 | 17.490 | .388 | 17.350 | | 9 | |
| WBE-2 | CENTER POINT ROAD NORTH | 4.960 | 92 | 16.010 | .805 | 15.710 | | 9 | |
| WBSSW-3 | HUNTER BEND ROAD | 5.020 | 199 | 12.640 | .514 | 12.540 | | 9 | |
| WBSE-2 | NO PONE VALLEY ROAD, NORTH | 5.270 | 128 | 13.700 | .992 | 13.670 | | 9 | |
| WBSW-2 | HUNTER BEND RD. DITNEY RIDGE | 5.270 | 220 | 13.000 | .391 | 13.080 | | 9 | |
| WBNE-2 | HIGHWAY 58 | 5.830 | 69 | 13.880 | .462 | 13.980 | | 9 | |
| WBSSE-2 | NO PONE VALLEY ROAD, SOUTH | 5.830 | 156 | 15.100 | .431 | 15.010 | | 9 | |
| | GROUP 4.0 TO 6.0 | | | 14.468 | .553 | 14.431 | 2.108 | 135 | 15 |
| WBNE-3 | PLEASANT HILL | 6.080 | 47 | 12.860 | .542 | 12.800 | | 9 | |
| WBS-3 | PM-5 WB | 6.180 | 185 | 14.150 | .586 | 14.120 | | 9 | |
| WBNNW-3 | SPRING CITY WATER PLANT | 6.960 | 329 | 12.250 | .349 | 12.210 | | 9 | |
| WBNW-3 | PM-2 WB | 6.980 | 317 | 17.370 | .467 | 17.570 | | 9 | |
| WBNE-3 | PM-4 WB | 7.560 | 56 | 13.670 | .774 | 13.980 | | 9 | |
| WBNNE-3 | PM-3 WB | 10.440 | 17 | 13.200 | .527 | 13.240 | | 9 | |
| WBNNW-4 | RM-3 WB | 14.880 | 337 | 12.950 | .424 | 13.130 | | 9 | |
| WBSW-3 | RM-2 WB | 14.960 | 225 | 12.310 | .312 | 12.230 | | 9 | |
| WBE-3 | BILDERBACK DAIRY | 15.000 | 90 | 18.280 | .745 | 18.370 | | 9 | |
| | GROUP 6.0 AND GREATER | | | 14.116 | .546 | 14.183 | 2.126 | 81 | 9 |
| | GROUP 2.0 AND GREATER | | | 14.326 | .553 | 14.330 | 1.965 | 270 | 30 |
| | GROUP .5 AND GREATER | | | 14.980 | .809 | 14.926 | 2.167 | 432 | 48 |

TLD EXPOSURE BY DISTANCE
 TENNESSEE VALLEY AUTHORITY
 ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
 WESTERN AREA RADIOLOGICAL LABORATORY

Facility WBNP

Quarter 4 Year 1993

Watts Bar Nuclear Plant, Fourth Quarter 1993

| LOC CODE | DESCRIPTION | DISTANCE Miles | DIRECT Deg | MEAN ----- mR per | STDEV Std | MEDIAN Qtr | MED DEV ----- | COUNT | #STNS |
|----------|--------------------------------|-------------------|---------------|-------------------------|--------------|---------------|------------------|-------|-------|
| WBSSE-1 | #5 @ INTAKE | .620 | 156 | 15.670 | .451 | 15.800 | | 9 | |
| WBENE-1 | #3 ASH DISPOSAL | .740 | 74 | 16.900 | .342 | 17.030 | | 6 | |
| WBS-1 | #6 W. WELL #2 | .740 | 182 | 14.260 | .444 | 14.380 | | 9 | |
| WBSSW-1 | #7 @ RIVER | .810 | 199 | 19.020 | .365 | 18.990 | | 9 | |
| WBSW-1 | ROAD SOUTH OF STORAGE YARD | .810 | 226 | 17.880 | .480 | 17.960 | | 9 | |
| WBSE-1A | LM-4 WB | .860 | 138 | 14.020 | .570 | 13.970 | | 9 | |
| WBWSW-1 | SOUTHWEST OF STORAGE YARD | .870 | 255 | 14.850 | .679 | 14.670 | | 9 | |
| WBNW-1 | SITE BOUNDARY @ FENCE | .870 | 294 | 22.420 | .546 | 22.460 | | 9 | |
| WBNE-1 | #2 WBSP | .930 | 39 | 18.490 | .586 | 18.410 | | 9 | |
| WBW-1 | #10, CURVE | .930 | 270 | 16.250 | .563 | 16.380 | | 9 | |
| WBNW-1 | HIGHWAY 68 @ PLANT ROAD | .990 | 340 | 14.440 | .391 | 14.500 | | 9 | |
| | GROUP .5 TO 1.0 | | | 16.741 | .507 | 16.777 | 2.444 | 96 | 11 |
| WBNW-1 | SITE BOUNDARY, EDGE OF WOODS | 1.060 | 320 | 17.220 | .471 | 17.070 | | 9 | |
| WBNNE-1 | BLUFF, S. OF DAM | 1.180 | 21 | 18.310 | 2.181 | 17.240 | | 9 | |
| WBN-1 | WATTS BAR DAM #1 SWITCHYARD | 1.240 | 10 | 17.320 | .709 | 17.210 | | 9 | |
| WBESE-1 | RIVER ROAD @ KINCAID SPRING | 1.240 | 109 | 13.310 | .450 | 13.440 | | 9 | |
| WBSSW-2 | LAYMAN DAIRY | 1.260 | 200 | 15.680 | .337 | 15.700 | | 9 | |
| WBE-1 | FENCE EAST SIDE OF RIVER ROAD | 1.300 | 85 | 14.070 | .644 | 13.790 | | 9 | |
| WBNNE-1A | LM-3 WB | 1.920 | 22 | 14.730 | .367 | 14.750 | | 9 | |
| | GROUP 1.0 TO 2.0 | | | 15.806 | .952 | 15.600 | 1.517 | 63 | 7 |
| | GROUP .5 TO 2.0 | | | 16.370 | .717 | 16.319 | 2.208 | 159 | 18 |
| WBS-2A | River Rd., S of Sewee Creek | 2.020 | 177 | 15.700 | .397 | 15.600 | | 9 | |
| WBNE-2 | AKEMAN CROSSROADS | 2.860 | 54 | 15.110 | .402 | 15.190 | | 9 | |
| WBNW-2A | Hwy 68, West | 2.950 | 321 | 13.850 | .341 | 13.850 | | 9 | |
| WBSE-2A | Center Pt. Rd. N of Hwy 68 | 3.140 | 144 | 14.190 | .562 | 14.180 | | 9 | |
| WBW-2A | Dixie Hwy, W of Johns Chapel | 3.170 | 268 | 15.790 | .395 | 15.760 | | 9 | |
| WBENE-2A | Hwy 68 at Mike Colyer Auto | 3.530 | 69 | 12.000 | .275 | 12.040 | | 9 | |
| | GROUP 2.0 TO 4.0 | | | 14.440 | .405 | 14.437 | 1.280 | 54 | 6 |
| WBNNE-2 | NEAR COLLINS CEMETARY | 4.090 | 20 | 13.630 | .442 | 13.660 | | 9 | |
| WBWSW-2 | Dixie Hwy, N Breedenton Fry Rd | 4.130 | 247 | 13.050 | 1.342 | 12.650 | | 9 | |
| WBESE-2 | CENTER POINT ROAD SOUTH | 4.360 | 106 | 18.790 | .344 | 18.940 | | 9 | |
| WBNW-2 | NE WOLF CREEK ROAD @ RIVER | 4.460 | 333 | 15.930 | .411 | 16.070 | | 9 | |
| WBNW-2 | WOLF CREEK ROAD, NORTH | 4.710 | 313 | 16.910 | .687 | 16.860 | | 9 | |
| WBN-2 | DICKEY BLUFF | 4.710 | 350 | 15.250 | .509 | 15.310 | | 6 | |
| WBS-2 | RIVER ROAD N. DECATUR HILLS | 4.770 | 185 | 11.850 | .468 | 11.870 | | 9 | |
| WBW-2 | HIGH POINT ROAD | 4.840 | 277 | 12.960 | .379 | 12.890 | | 9 | |

TLD EXPOSURE BY DISTANCE
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Facility WBNP

Quarter 4 Year 1993

Watts Bar Nuclear Plant, Fourth Quarter 1993

| LOC CODE | DESCRIPTION | DISTANCE Miles | DIRECT Deg | MEAN ----- mR per | STDEV Std | MEDIAN Qtr | MED DEV ----- | COUNT | #STNS |
|----------|------------------------------|-------------------|---------------|-------------------------|--------------|---------------|------------------|-------|-------|
| WBE-2 | CENTER POINT ROAD NORTH | 4.960 | 92 | 16.250 | .617 | 16.190 | | 9 | |
| WBSSW-3 | HUNTER BEND ROAD | 5.020 | 199 | 13.040 | .578 | 13.050 | | 9 | |
| WBSE-2 | NO PONE VALLEY ROAD, NORTH | 5.270 | 128 | 13.000 | .261 | 12.960 | | 9 | |
| WBSW-2 | HUNTER BEND RD. DITNEY RIDGE | 5.270 | 220 | 14.250 | .850 | 14.320 | | 9 | |
| WBNE-2 | HIGHWAY 58 | 5.830 | 69 | 14.300 | .617 | 14.260 | | 9 | |
| WBSSE-2 | NO PONE VALLEY ROAD, SOUTH | 5.830 | 156 | 16.090 | 1.432 | 15.790 | | 6 | |
| | GROUP 4.0 TO 6.0 | | | 14.614 | .701 | 14.630 | 1.907 | 120 | 14 |
| WBNE-3 | PLEASANT HILL | 6.080 | 47 | 13.110 | .429 | 12.950 | | 9 | |
| WBS-3 | PM-5 WB | 6.180 | 185 | 14.500 | .714 | 14.580 | | 9 | |
| WBNW-3 | SPRING CITY WATER PLANT | 6.960 | 329 | 12.650 | .256 | 12.640 | | 9 | |
| WBNW-3 | PM-2 WB | 6.980 | 317 | 17.810 | .407 | 17.750 | | 9 | |
| WBNE-3 | PM-4 WB | 7.560 | 56 | 13.760 | .229 | 13.840 | | 9 | |
| WBNNE-3 | PM-3 WB | 10.440 | 17 | 13.650 | .444 | 13.670 | | 9 | |
| WBNW-4 | RM-3 WB | 14.880 | 337 | 13.230 | .444 | 13.100 | | 9 | |
| WBSW-3 | RM-2 WB | 14.960 | 225 | 13.020 | .267 | 13.030 | | 9 | |
| WBE-3 | BILDERBACK DAIRY | 15.000 | 90 | 18.870 | 1.151 | 18.480 | | 9 | |
| | GROUP 6.0 AND GREATER | | | 14.511 | .555 | 14.449 | 2.041 | 81 | 9 |
| | GROUP 2.0 AND GREATER | | | 14.544 | .603 | 14.534 | 1.843 | 255 | 29 |
| | GROUP .5 AND GREATER | | | 15.246 | .649 | 15.218 | 2.171 | 414 | 47 |