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| <b>NRC FORM 484</b><br>(MM-YYYY)<br>10 CFR 40.65 |      |                    |           | <b>U.S. NUCLEAR REGULATORY COMMISSION</b> |  |  |           | <b>APPROVED BY OMB: NO. 3150-0020</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |                   |            | <b>EXPIRES: MM/DD/YYYY</b> |  |  |  |
| <b>DETECTION MONITORING DATA REPORT</b>          |      |                    |           |                                           |  |  |           | Estimated burden per response to comply with this mandatory collection request: 15 hours. Use of source material requires submission of semi-annual reports of the quantities of radioactive materials released to unrestricted areas. Send comments regarding burden estimate to the Records Management Branch (T-6 E6), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to <a href="mailto:infocollects@nrc.gov">infocollects@nrc.gov</a> , and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0020), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection. |            |                   |            |                            |  |  |  |
| BACKGROUND WELLS                                 |      |                    |           |                                           |  |  |           | POINT OF COMPLIANCE WELL(S)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |                   |            |                            |  |  |  |
| DATE                                             |      | INDICATOR SPECIES  |           |                                           |  |  |           | DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            | INDICATOR SPECIES |            |                            |  |  |  |
| MONTH                                            | YEAR | As (mg/l)          | Se (mg/l) | pH (units)                                |  |  | MONTH     | YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | As (mg/l)  | Se (mg/l)         | pH (units) |                            |  |  |  |
|                                                  |      |                    |           |                                           |  |  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                   |            |                            |  |  |  |
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|                                                  |      |                    |           |                                           |  |  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                   |            |                            |  |  |  |
|                                                  |      |                    |           |                                           |  |  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                   |            |                            |  |  |  |
|                                                  |      |                    |           |                                           |  |  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                   |            |                            |  |  |  |
| DESCRIPTION (SAMPLE)                             |      | BACKGROUND WELL(S) |           |                                           |  |  |           | POINT OF COMPLIANCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |                   |            |                            |  |  |  |
|                                                  |      | INDICATOR SPECIES  |           |                                           |  |  |           | INDICATOR SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                   |            |                            |  |  |  |
|                                                  |      | As (mg/l)          | Se (mg/l) | pH (units)                                |  |  | As (mg/l) | Se (mg/l)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | pH (units) |                   |            |                            |  |  |  |
| POPULATION                                       |      |                    |           |                                           |  |  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                   |            |                            |  |  |  |
| MEAN                                             |      |                    |           |                                           |  |  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                   |            |                            |  |  |  |
| STANDARD DEVIATION                               |      |                    |           |                                           |  |  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                   |            |                            |  |  |  |
| DISTRIBUTION                                     |      |                    |           |                                           |  |  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                   |            |                            |  |  |  |
| NORMAL                                           |      |                    |           |                                           |  |  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                   |            |                            |  |  |  |
| POISON                                           |      |                    |           |                                           |  |  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                   |            |                            |  |  |  |
| OTHER (Specify)                                  |      |                    |           |                                           |  |  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                   |            |                            |  |  |  |
| STATISTICAL SIGNIFICANCE TEST                    |      |                    |           |                                           |  |  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                   |            |                            |  |  |  |
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| RESULTS OF STATISTICAL EVALUATION                |      |                    |           |                                           |  |  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                   |            |                            |  |  |  |
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