

| Unit 1 and 2 Tritium History (GL 80-10), in uCi/ml (multiply by 1E9 to convert to pCi/L) |                                                                                                           |          |          |          |          |          |          |          |          |       |          |          |       |       |          |          |          |          |
|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-------|----------|----------|-------|-------|----------|----------|----------|----------|
| Date                                                                                     | U2 SFP                                                                                                    | MH 2     | MH 3     | MH 4     | MH4B     | MH 5     | MH 6     | MH 8     | MH 9     | MH 10 | MH 11    | MH 12    | MH 13 | MH 14 | MH 15    | MH 16    | MH 17    | MH 18    |
| 13-Mar-00                                                                                |                                                                                                           |          |          |          |          |          |          |          |          |       |          |          |       |       |          |          |          |          |
| 20-Mar-00                                                                                |                                                                                                           |          |          |          |          |          |          |          |          |       |          |          |       |       |          |          |          |          |
| 11-Apr-00                                                                                | 1.60E-02                                                                                                  |          | 3.17E-03 |          |          | 3.54E-06 |          |          |          |       |          |          |       |       |          |          |          |          |
| 13-Apr-00                                                                                |                                                                                                           |          |          |          |          | 5.31E-06 |          |          |          |       |          |          |       |       |          |          |          |          |
| 19-Apr-00                                                                                |                                                                                                           |          | 1.40E-05 |          |          | 2.18E-06 | 1.77E-06 |          |          |       |          |          |       |       |          |          |          |          |
| 22-Apr-00                                                                                |                                                                                                           |          | 1.75E-05 |          |          |          |          |          |          |       |          |          |       |       |          |          |          |          |
| 11-May-00                                                                                |                                                                                                           |          |          | 7.40E-07 |          | 1.52E-06 |          | 1.47E-06 | 6.54E-07 |       | 6.59E-07 |          |       |       |          | 1.54E-06 |          |          |
| 15-May-00                                                                                |                                                                                                           |          | 2.05E-04 |          |          | 7.18E-06 | 1.48E-05 |          |          |       |          |          |       |       |          |          |          |          |
| 07-Aug-00                                                                                |                                                                                                           |          | 1.09E-05 |          |          | 2.57E-06 |          |          |          |       |          |          |       |       |          |          |          |          |
| 14-Aug-00                                                                                |                                                                                                           | 1.01E-06 | 1.05E-04 |          |          | 5.56E-07 | 3.60E-06 | 9.84E-07 | 2.16E-06 |       | 3.25E-06 | 3.36E-06 |       | < mda | 4.69E-07 | 5.64E-07 | 1.06E-06 | 9.71E-07 |
| 15-Aug-00                                                                                |                                                                                                           |          | 8.40E-06 |          |          | 2.29E-06 | 2.08E-06 |          |          |       |          |          |       |       |          |          |          |          |
| 22-Aug-00                                                                                |                                                                                                           |          | 5.67E-06 |          |          | 2.04E-06 | 4.02E-06 |          |          |       |          |          |       |       |          |          |          |          |
| 19-Sep-00                                                                                |                                                                                                           |          | 8.05E-06 |          |          | 2.77E-06 | 3.83E-06 |          |          |       |          |          |       |       |          |          |          |          |
| 26-Sep-00                                                                                |                                                                                                           |          | 7.75E-06 |          |          | 3.17E-06 | 6.05E-06 |          |          |       |          |          |       |       |          |          |          |          |
| 18-Oct-00                                                                                |                                                                                                           |          | 1.17E-05 |          |          | 2.39E-06 | <mda     |          |          |       |          |          |       |       |          |          |          |          |
| 12-Apr-01                                                                                |                                                                                                           |          | < mda    |          |          | < mda    |          |          |          |       |          |          |       |       |          |          |          |          |
| 03-Jun-02                                                                                |                                                                                                           | 1.22E-06 | 4.47E-06 | 2.76E-06 |          |          |          |          | 1.75E-06 |       | 1.45E-06 | 1.37E-06 |       |       |          |          |          |          |
| 12-Jun-02                                                                                |                                                                                                           |          |          |          |          |          |          |          |          |       |          |          |       |       |          |          |          |          |
| 02-Oct-02                                                                                |                                                                                                           |          | < mda    |          |          | 2.25E-06 | < mda    |          |          |       |          |          |       |       |          |          |          |          |
| 15-Jan-04                                                                                |                                                                                                           |          |          |          |          |          |          |          |          |       |          |          |       |       |          |          |          |          |
| 19-Jan-04                                                                                | 1.45E-02                                                                                                  | 2.54E-06 |          | <mda     | 1.13E-06 | <mda     |          | 3.14E-06 |          | <mda  |          |          | <mda  | <mda  | 1.33E-06 |          |          | <mda     |
| 04-Aug-04                                                                                |                                                                                                           | <mda     | <mda     | 1.61E-06 |          |          |          | 1.55E-06 |          | <mda  | <mda     | <mda     | <mda  | <mda  |          |          |          |          |
| 15-Oct-04                                                                                | 1.28E-02                                                                                                  |          |          |          |          |          |          |          |          |       |          |          |       |       |          |          |          |          |
| 26-Nov-04                                                                                | 3.71E-02                                                                                                  |          |          |          |          |          |          |          |          |       |          |          |       |       |          |          |          |          |
| 04-Apr-05                                                                                | 4.42E-02                                                                                                  |          | 3.14E-06 | 3.27E-06 | < mda    | 2.44E-06 |          |          |          | < mda |          | < mda    | < mda | < mda | < mda    |          | < mda    | 1.64E-06 |
| 15-Aug-05                                                                                | 2.75E-02                                                                                                  |          |          |          |          |          |          |          |          |       |          |          |       |       |          |          |          |          |
| 09-Sep-05                                                                                | Crack Water Issues begin - all approx 2E-2 uCi/ml (FSB 60' level during digging to support ISFSI project) |          |          |          |          |          |          |          |          |       |          |          |       |       |          |          |          |          |
| 06-Oct-05                                                                                | MW-111 water identified with approx 2E-4 uCi/ml, after Env Lab sample showed same level a week earlier.   |          |          |          |          |          |          |          |          |       |          |          |       |       |          |          |          |          |
| 15-Oct-05                                                                                | After heavy rain (when a sample showed mid E-6), MW-111 returned to 1.88E-4                               |          |          |          |          |          |          |          |          |       |          |          |       |       |          |          |          |          |
| 19-Oct-05                                                                                | 2.71E-02                                                                                                  |          |          |          |          |          |          |          |          |       |          |          |       |       |          |          |          |          |
| 04-Nov-05                                                                                | MW-111= 3.02E-4                                                                                           |          |          |          |          |          |          |          |          |       |          |          |       |       |          |          |          |          |
| 10-Nov-05                                                                                | MW-111 = 2.46E-4                                                                                          |          | 1.95E-06 |          |          | 2.39E-06 | 5.13E-05 |          |          |       |          |          |       |       |          |          |          |          |
| 18-Nov-05                                                                                | MW-111 = 1.71E-4                                                                                          |          |          |          |          |          |          |          |          |       |          |          |       |       |          |          |          |          |
| 22-Nov-05                                                                                | P-1 MW Tests: 1) 4.6E-4 2) 5.0E-4 3) 6.0E-4 4) 7.0E-4 Crack Water = .0161                                 |          |          |          |          |          |          |          |          |       |          |          |       |       |          |          |          |          |
| 02-Dec-05                                                                                | MW-38 = < mda while being drilled, then indicates 1.5E-5 uCi/ml. MW-111 = 1.25E-4.                        |          |          |          |          |          |          |          |          |       |          |          |       |       |          |          |          |          |
| 06-Dec-05                                                                                | MW-38 = < mda again....earlier hi value verified to be contamination in sample pump.                      |          |          |          |          |          |          |          |          |       |          |          |       |       |          |          |          |          |
| 08-Dec-05                                                                                | MW-111 = 2.7E-4                                                                                           |          | 8.94E-07 |          |          | 2.02E-06 | 3.71E-05 |          |          |       |          |          |       |       |          |          |          |          |
| 13-Dec-05                                                                                | MW 34=6.39E-5, MW 35=4.23E-5                                                                              |          |          |          |          |          |          |          |          |       |          |          |       |       |          |          |          |          |
| 15-Dec-05                                                                                | MW-33 = 1.42E-4, MW-111 = 2.96E-4                                                                         |          |          |          |          |          |          |          |          |       |          |          |       |       |          |          |          |          |

7/8/04

| Date      | MH19     | CB 2A    | CB 3     | CB 4     | CB 5     | CB 5A    | CB 6     | CB 12    | CB 13    | CB 14    | CB 15    | CB 19    | CB 24    | Comments                                       |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------------------------------------------|
| 13-Mar-00 |          |          |          |          |          |          |          |          |          |          |          |          |          | "trans yard" = <1.2E-6                         |
| 20-Mar-00 |          |          |          |          |          |          |          |          |          |          |          |          | 3.76E-05 |                                                |
| 11-Apr-00 |          |          |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 13-Apr-00 |          |          |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 19-Apr-00 |          |          |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 22-Apr-00 |          |          |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 11-May-00 |          | 2.90E-06 | 6.32E-07 | 1.16E-06 | 4.10E-07 | 6.70E-07 | 5.00E-07 |          |          |          |          |          | 4.03E-07 |                                                |
| 15-May-00 |          |          |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 07-Aug-00 |          |          |          |          |          |          |          |          |          |          |          |          |          | MnStrm Traps 21/22 = 5.4E-4                    |
| 14-Aug-00 |          | 8.50E-07 | 7.33E-07 | 6.89E-07 | < mda    | 7.61E-07 | 6.38E-07 | 6.19E-07 | 5.17E-07 | 5.74E-07 |          | 6.01E-06 |          |                                                |
| 15-Aug-00 |          |          |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 22-Aug-00 |          |          |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 19-Sep-00 |          |          |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 26-Sep-00 |          |          |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 18-Oct-00 |          |          |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 12-Apr-01 |          |          |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 03-Jun-02 |          | 9.22E-07 | 1.73E-06 | 6.99E-07 | 1.10E-06 | 1.83E-06 | 1.74E-06 | 9.81E-07 | 2.45E-05 | 1.15E-06 | 1.36E-06 | 1.29E-06 | 9.05E-07 | 15' Xform#1=1.7e-6, #2=3.5e-6, #3=3.4e-6       |
| 12-Jun-02 |          |          |          |          |          |          |          |          | <mda     |          |          |          |          |                                                |
| 02-Oct-02 |          | !        |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 15-Jan-04 |          |          |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 19-Jan-04 | 5.43E-06 | <mda     |          | <mda     | 2.03E-06 | <mda     |          | <mda     | 1.07E-06 | <mda     | 1.54E-06 | <mda     | 1.24E-06 |                                                |
| 04-Aug-04 | <mda     | <mda     | <mda     | <mda     |          | <mda     | <mda     | <mda     | <mda     | <mda     |          |          | <mda     |                                                |
| 15-Oct-04 |          |          |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 26-Nov-04 |          |          |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 04-Apr-05 | < mda    |          |          |          |          |          |          | < mda    | < mda    | < mda    |          |          |          |                                                |
| 15-Aug-05 |          |          |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 09-Sep-05 |          |          |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 06-Oct-05 |          |          |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 15-Oct-05 |          |          |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 19-Oct-05 |          |          |          |          |          |          |          |          |          |          |          |          |          | unit 3 drains A4 and B-8 = mda & 8.4E-7        |
| 04-Nov-05 |          |          |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 10-Nov-05 |          |          |          |          |          |          |          |          |          |          |          |          |          | first indication that Strm Drains are effected |
| 18-Nov-05 |          |          |          |          |          |          |          |          |          |          |          |          |          | FSB Drums from Crack 1.77E-4 -4.00E-4          |
| 22-Nov-05 |          |          |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 02-Dec-05 |          |          |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 06-Dec-05 |          |          |          |          |          |          |          |          |          |          |          |          |          |                                                |
| 08-Dec-05 |          |          |          |          |          |          |          |          |          |          |          |          |          | MH 6 is in trans yard near effected MWs        |
| 13-Dec-05 |          |          |          |          |          |          |          |          |          |          |          |          |          | (These strm drains are known to be             |
| 15-Dec-05 |          |          |          |          |          |          |          |          |          |          |          |          |          | in communication with local dirt).             |