

REPORT OF RADIOACTIVE EFFLUENTS

Docket Nos: 50-295 and 50-304

FACILITY: Zion

YEAR: 1982

|                                | UNITS  | July | August | September | Third Quarter | October | November  | December | Fourth Quarter | 6 MO. Total | TECH. SPEC. REF. |
|--------------------------------|--------|------|--------|-----------|---------------|---------|-----------|----------|----------------|-------------|------------------|
| I. Airborne Effluents          |        |      |        |           |               |         |           |          |                |             |                  |
| b) Percent of Iodine 131 Limit | %(1)   |      |        |           |               |         |           |          |                |             | 6.6A3f1b2        |
| 3. Particulate Releases        |        |      |        |           |               |         |           |          |                |             | 3.12.1.B         |
| a) Gross Radioactivity         | Curies |      |        |           |               |         |           |          |                |             | 6.6A3f1c1        |
| b) Gross Alpha Radioactivity   | Curies |      |        |           |               |         | *2.10 E-4 |          | *5.54 E-4      | *8.12 E-4   | 6.6A3f1c2        |
| c) Isotopes Released           | Curies |      |        |           |               |         |           |          |                |             | 6.6A3f1c3        |
| Sr-89                          |        |      |        |           |               |         |           |          |                |             |                  |
| Sr-90                          |        |      |        |           |               |         |           |          |                |             |                  |
| Co-58                          |        |      |        |           |               |         |           |          |                |             |                  |
| Co-60                          |        |      |        |           |               |         |           |          |                |             |                  |
| Cs-134                         |        |      |        |           |               |         |           |          |                |             |                  |
| Cs-137                         |        |      |        |           |               |         |           |          |                |             |                  |
| Mn-54                          |        |      |        |           |               |         |           |          |                |             |                  |
| I-131                          |        |      |        |           |               |         |           |          |                |             |                  |
| I-133                          |        |      |        |           |               |         |           |          |                |             |                  |
| I-135                          |        |      |        |           |               |         |           |          |                |             |                  |
| Nb-95                          |        |      |        |           |               |         |           |          |                |             |                  |
| Zr-95                          |        |      |        |           |               |         |           |          |                |             |                  |
| Cr-51                          |        |      |        |           |               |         |           |          |                |             |                  |
| Ba-La-140                      |        |      |        |           |               |         |           |          |                |             |                  |
| Mo-99                          |        |      |        |           |               |         |           |          |                |             |                  |
| Tc-99m                         |        |      |        |           |               |         |           |          |                |             |                  |
| Np-239                         |        |      |        |           |               |         |           |          |                |             |                  |
| Na-24                          |        |      |        |           |               |         |           |          |                |             |                  |

N.D. = No detectable activity above background

1. Iodine and Particulate Limits are Total Limit - See Item 14 of this report.

\* Errata data to Semi-Annual Report

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 PDR ADDOCK 05000295  
 910215  
 PDR