

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-IV-84-23

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by NRC staff on this date.

FACILITY: Public Service Company of Colorado
Fort St. Vrain Station
Platteville, Colorado
Docket: 50-267

Licensee Emergency Classification:
 Notification of Unusual Event
 Alert
 Site Area Emergency
 General Emergency
 Not Applicable

SUBJECT: EARTHQUAKE IN THE CASPER, WYOMING, AREA

At approximately noon on October 18, 1984, Public Service Company of Colorado reported to the Headquarters Operations Officer that an earthquake had occurred near the Fort St. Vrain (FSV) Station. From preliminary information, the earthquake occurred between 9:30 and 10:00 a.m. MDT and was centered near Casper, Wyoming, which is about 200 miles NNW of FSV. We were informed that the earthquake measured about 5.5 (Richter scale) in magnitude.

The SRI reports that he and others on the Station grounds felt some movement, as did people in the taller buildings in Denver (about 35 miles South of FSV). Personnel in the Control Room and in the Reactor Building did not feel any movement.

The installed seismic instrumentation at FSV did not record any motion. The DBE for FSV is 0.10g. The SRI reports that no damage occurred at the Station.

The Uranium Recovery Field Office is contacting all uranium mills and mines in the affected area but has not heard back from any of them. Their status will be reported in a subsequent PN.

This information is current as of 3 p.m. CDT.

CONTACT: E. H. Johnson, 728-8141

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