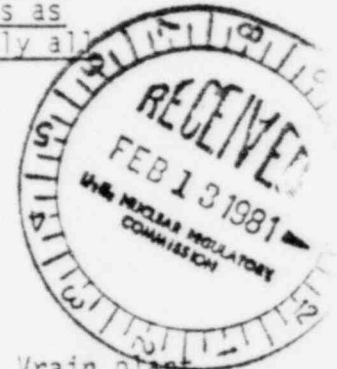


PRELIMINARY NOTIFICATION

February 9, 1981

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-IV-81-05

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



FACILITY: Public Service Company of Colorado  
Fort St. Vrain  
Greeleyville, Colorado  
Docket No. 50-267

SUBJECT: UNEXPECTED ACTIVITY RELEASES

Three separate unexpected activity releases occurred at the Fort St. Vrain plant on February 5, 6 and 8, 1981. None were above the Technical Specification Limits of  $1.3E-4$  uCi/cc, and  $3.0E-10$  uCi/cc for noble gases and iodine respectively.

No measureable releases from the stack occurred on either February 6, or February 8 1981. The release on February 5, 1981, resulted in a maximum noble gas release in the building of  $6.22 E-9$  uCi/cc and a maximum release from the stack of  $4.59E-9$  uCi/cc noble gases. No measurable iodine was determined to be released from the stack at any time.

No significant personnel contamination or radiation exposure resulted from any of the releases to the reactor building.

Charcoal filters examined for the releases on February 5, and February 8, 1981, indicated no evidence of iodine.

This notification is being made because of high media interest.

The licensee has made press releases.

Fort St. Vrain is a high temperature cooled reactor (HTGR)

Contact: G. L. Madsen (RIV), 334-2781

*Kool  
S o/l*

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