

BRAIDWOOD NUCLEAR POWER STATION
RADIOACTIVE EFFLUENT RELEASE REPORT FOR 2000
UNIT 1 AND 2 COMBINED (Docket Numbers 50-456 and 50-457)
BRAIDWOOD NUCLEAR POWER STATION

LIQUID EFFLUENTS
SUPPLEMENTAL RELEASE INFORMATION

A. Batch Release	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total
1. Total Number of Batch Releases	58	57	49	53	217
2. Total Time Period for Batch Releases (minutes)	7223	10151	4303	9732	31409
3. Maximum Time Period for a Batch Release (minutes)	344	339	225	406	406
4. Average Time Period for a Batch Release	124.5	178.0	87.8	183.6	144.7
5. Minimum Time Period for a Batch Release (minutes)	25	53	48	48	25
6. Average Stream Flow During Periods of Release of Effluent into a Flowing Stream (liters/min)	3.71E+06	8.18E+06	6.95E+06	2.77E+06	N/A
B. Abnormal Releases					
1. Number of Releases	0	0	0	1	1
2. Total Activity Released (Ci)	0.00	0.00	0.00	1.05	1.05
3. Description					

The abnormal release was due to a vacuum breaker leak on the circulating water blowdown line which carries liquid effluent released from the liquid radwaste tanks to the river. Due to the vacuum breaker leak, some liquid effluent was discharged onto site property and migrated offsite into a ditch. This event is documented in the station's corrective actions program in Condition Report A2000-04281.

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