



Public Service
Company of Colorado

16805 WCR 19 1/2, Platteville, Colorado 80651

May 27, 1986
Fort St. Vrain
Unit No. 1
P-86390

Mr. Ken Perkins
U.S. Nuclear Regulatory Commission
Incident Response Branch
Washington, D. C. 20555

Docket No. 50-267

SUBJECT: Radiological Surveillance

REFERENCES: 1) NRC IE Information
Notice No. 86-32,
dated 5/02/86, (G-86232)
2) PSC letter,
Gahm to Perkins,
dated 5/19/86 (P-86377)

Dear Mr. Perkins:

Attached please find additional radiological surveillance data collected near the Fort St. Vrain Nuclear Generating Station located approximately 35 miles north of Denver, Colorado. These data are being reported in response to IE Information Notice No. 86-32.

In addition, please find a corrected data table which was originally submitted to you in PSC letter, Gahm to Perkins, dated 5/19/86 (P-86377).

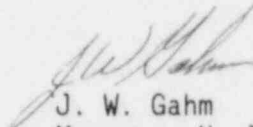
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May 27, 1986

Please contact the Radiochemistry Supervisor, Vern McGaffic, at (303) 785-6471, Ext. 278, if additional information is required.

Sincerely,



J. W. Gahm
Manager, Nuclear Production
Fort St. Vrain Nuclear
Generating Station

JWG/rz

cc: Mr. H. N. Berkow, Director
Standardization and Special
Projects Directorate
Mail Stop P-234
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Mr. A. J. Hazel
Colorado Department of Health
4210 E. 11th Avenue
Denver, Colorado 80220

Attachment:

1. Summary of Radiological Data
2. Corrected Significant Results Obtained from the Fort St. Vrain Environmental Surveillance Program

Significant Results Obtained From The Fort St. Vrain Radiological Environmental Surveillance Program

Sample Period	Sample Type	Medium	Activity and Units		Approximate Location
5/3-10/86	gross beta	air, particulate	50.0 ± 2.3	f Ci B/M3	1.5 km SE of reactor facility
"	"	"	50.0 ± 2.3	"	1.5 Km S of reactor facility
"	"	"	54.0 ± 2.2	"	1.2 km N of reactor facility
"	"	"	39.0 ± 1.9	"	1.7 km NNE of reactor facility
"	"	"	50.0 ± 2.0	"	Longmont, CO
"	"	"	50.0 ± 2.4	"	Johnstown, CO.
"	"	"	39.0 ± 1.6	"	Ft. Collins, CO
5/3-17/86	Iodine	air, charcoal	359 ± 55.2	f Ci 1311/M3	1.5 Km SE of reactor facility
"	"	"	416 ± 49.2	"	1.7 Km NNE of reactor facility
"	"	"	347 ± 56.7	"	1.5 Km S of reactor facility
"	"	"	415 ± 59.7	"	1.2 Km N of reactor facility
"	"	"	455 ± 51.9	"	Ft. Collins, CO
"	"	"	488 ± 57.4	"	Johnstown, CO
"	"	"	565 ± 54.3	"	Longmont, CO
5/17/86	Iodine	milk	37.1 ± 1.1	P Ci 1311/l	3.2 Km ESE of reactor facility
"	"	"	$20.8 \pm .87$	"	4.1 Km ENE of reactor facility
"	"	"	$16.0 \pm .75$	"	22.5 Km NW of reactor facility
"	"	"	48.0 ± 1.2	"	3.4 Km NE of reactor facility
5/10-17/86	gross-beta	air, particulate	570 ± 6.3	f Ci B/M3	1.5 Km SE of reactor facility
"	"	"	300 ± 4.7	"	1.5 Km S of reactor facility
"	"	"	480 ± 6.3	"	1.2 Km N of reactor facility
"	"	"	620 ± 5.5	"	1.7 Km NNE of reactor facility
"	"	"	710 ± 7.0	"	Ft. Collins, CO
"	"	"	690 ± 6.4	"	Longmont, CO
"	"	"	520 ± 6.4	"	Johnstown, CO

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