

000025647

Minutes of the Exchange of Information Meeting
Colorado Department of Health
EG&G Rocky Flats, Inc.

Date: November 26, 1991

Location: Broomfield City Council Chambers

Attendees:

- | | |
|--------------|-----------------------------------|
| S. MacDonald | - City of Broomfield |
| S. Nachtrieb | - City of Westminster |
| S. Ramer | - City of Westminster |
| J. Bruch | - Colorado Dept. of Health - RFPU |
| D. Fox | - Colorado Dept. of Health - RFPU |
| R. Terry | - Colorado Dept. of Health - RCD |
| S. Cloud | - EG&G Rocky Flats, Inc. |
| J. Dick | - EG&G Rocky Flats, Inc. |
| L. Johnson | - EG&G Rocky Flats, Inc. |
| J. Paukert | - EG&G Rocky Flats, Inc. |
| G. Setlock | - EG&G Rocky Flats, Inc. |

G. Setlock reported that there were no changes to the List of Radioactive Materials Associated with Rocky Flats Plant.

S. MacDonald presented the City of Broomfield Radiometric Monitoring Report for the October monitoring period. All of the data contained in the Broomfield Report were below regulatory limits and were consistent with past measurements at their respective locations.

S. Ramer presented the City of Westminster Radiation Data Monthly Report for October 1991. All data in the Westminster Report were consistent and normal with what has been seen in the past. S. Nachtrieb discussed the Standley Lake Protection Project - Water Quality Plans and preliminary data appended to Westminster report.

R. Terry presented the Colorado Department of Health (CDH) Environmental Surveillance Report for October 1991. The CDH report contains a special report section presenting the first results of the 1991 Surface Soil Survey, together with comparison data from the 1989 Surface Soil Survey. The highest plutonium-239 and -240 concentration reported is 21.94 ± 0.33 pCi/gm for a location downwind of the 903 Pad area in the plant's east buffer zone. In addition to plutonium-239 and -240 soil data, analyses were also reported for cesium-137, uranium-234, -238 ratios and americium-241.

All other environmental measurements described in CDH Tables A through G showed no obvious anomalies in the extent and degree of radioactive contamination in the vicinity of Rocky Flats Plant. All measurements in both air and water were consistent with measurements that have been reported in the past.

G. Setlock presented the October 1991 Rocky Flats Monthly Environmental Monitoring Report. The concentration of plutonium (0.000181 ± 0.000032 pCi/m³) in perimeter ambient air for the S-38 sampling location for October 1990 was above the level typically seen for that location. A reanalysis for the sample on a remaining aliquot of the dissolved sample filter was performed. The reanalysis confirmed the original results. Both the original and the confirming analysis met all laboratory quality assurance criteria. Reporting of the analytical results was inadvertently delayed as a result of the break in the plant's data reporting routine during the Radiological Health Laboratory shutdown. Although no Rocky Flats Plant related operations could be identified as definitely having contributed to the above-normal result, it was noted that Rocky Flats construction activities for the CDH air sampling platform and well drilling operations

ADMIN RECORD

for groundwater well installations were potential contributory sources. Remaining data presented in the October, 1991 RFP report were within the ranges historically measured for their respective parameters and locations.

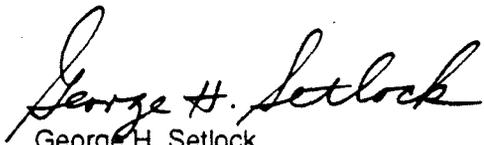
The RFP Engineering update was postponed until the February 25, 1992 meeting.

There were no changes to the monitoring programs for CDH or RFP or for the Cities of Broomfield or Westminster.

One special agenda item was presented by S. Cloud and J. Dick entitled "Volatile Organic Chemical and Metals Monitoring Under the Rocky Flats Plant NPDES/FFCA." The presentation outlined monitoring requirements, preliminary data and discussion of analytical techniques and detection limits. A twenty-nine page handout of the presentation was provided to the audience.

Administrative note - The meeting participants unanimously agreed to present both the November and December 1991 reports on January 28, 1992 because of the December holidays.

The next Information Exchange Meeting will be held at 1:30 pm, Tuesday, January 28, 1992, at the Colorado Department of Health, Denver, Colorado, Room 150.



George H. Setlock
Air Quality and Chemical Tracking Division
Environmental Management Department
EG&G Rocky Flats, Inc .