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COLORADO DEPARTMENT OF HEALTH
Radiation Control Division

Minutes of Exchange of Information Meeting
Colorado Department of Health
February 28, 1989 1:30 p.m.

Attendees:

Robert W. Terry	Colorado Department of Health
Patrick Etchart	Rockwell International
Candice Jierree	Department of Energy
Farrel P. Hobbs	Rockwell International
Hallie Mahan	City of Broomfield
Steve Ramer	City of Westminster
Tony Harrison	Colorado Department of Health
Nancy M. Daugherty	Rockwell International
Kathryn Schnoor	City of Broomfield
Dick Gamewell	Colorado Department of Health
Nat Miullo	U.S. Environmental Protection Agency
Craig Sanders	Jefferson County Health Department
Callie Videtich	City of Arvada
Alan Gottlieb	The Denver Post
George Mathews	Boulder County Health Department
Betsy McBride	League of Women Voters - Colorado
Mike McClain	KBCO Radio Boulder
Susan Hurst	---

Nancy Daugherty informed those present that there were no changes to the list of materials since the last quarterly update (January 31, 1989).

Kathryn Schnoor presented the City of Broomfield Radiometric Monitoring Report. All measurements were consistent with nominal environmental background radioactivity values which have been reported in the past.

Steve Ramer presented the City of Westminster Radiation Data Monthly Report. Although the City of Westminster still has a relatively small experience database on which to draw, all measurements were consistent with nominal environmental background radioactivity values which have been reported from public water supplies throughout the state over the past several years. In response to a question, Mr. Ramer stated that his laboratory does not filter samples prior to radiometric analysis. This practice is consistent with that of other agencies.

Nancy Daugherty presented the January, 1989, Rocky Flats Plant Monthly Environmental Monitoring Report. The discussion began with a description of a new appendix which appears at the back of the report and will be expanded and improved in the future. The appendix is titled "Radiation Standards for Protection of the Public" and lists relevant controlling standards for exposure which are currently incorporated into federal statute and regulations. The appendix also lists derived concentration guides for plutonium in air inhalation and water ingestion pathways which would indicate compliance with the radiation protection standards as outlined in the appendix.

ADMIN RECORD

Minutes of Exchange of Information Meeting
February 28, 1989
Page 2 of 2

All data which were presented in the Rocky Flats Plant Monthly Environmental Monitoring Report were within expected ranges and were consistent with measurements which have been taken at the same sampling locations in the past. January, 1989, beryllium measurements in airborne effluents will be reported at the next meeting. Measurements of plutonium at selected onsite ambient air locations for the month of December, 1988, which were omitted from the previous report, were included in the January, 1989, report. A measured concentration of 0.000050 pCi/M³ for Superior, Colorado, during the month of December, 1988, which had been reported at the previous meeting, is still under investigation. Onsite water sample results for plutonium, uranium and americium in samples which were collected at Pond C-1 and Walnut Creek during the month of December, 1988, which were omitted from the previous report, were included in the January, 1989, report. Offsite water sample results for plutonium, uranium and americium in samples which were collected from Great Western Reservoir and Standley Lake during the month of December, 1988, which were omitted from the previous report, were included in the January, 1989, report.

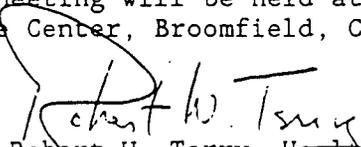
Robert Terry presented the January, 1989, Colorado Department of Health Environmental Surveillance Report on the U.S. Department of Energy Rocky Flats Plant. All data which were presented in the report were consistent with measurements which have been taken at the same sampling locations in the past. Some format changes have been made in the report. An executive summary page is now included in all copies of the report. Effective with this month's report the lower limit of detection for tritium in water is reduced from 350 pCi/L to 200 pCi/L. On-site ambient air sampling locations, previously designated as D-1 through D-8, are now designated RF-1 through RF-8. A clarifying note describing the statistical treatment of measurement confidence intervals has been revised to say that confidence intervals are calculated at the 1.96 sigma (95%) confidence level. Appendix II to the report is currently under review and will be changed in several steps during the next year.

Steve Ramer announced that the sampling frequency of finished and raw water samples at the Semper Water Treatment Plant will be increased to once per week. Grab sample collection at Woman Creek will continue to be performed during any announced discharge in addition to the routine monthly sampling.

Albert Hazle announced that Robert M. Quillin, the new Director of the Radiation Control Division of the Colorado Department of Health, has assumed his duties effective February 13th.

During the period of the meeting reserved for questions and comments of a general nature, Albert Hazle announced that the analysis of dose projections under the Maximum Credible Accident scenario continues to be under review. A third party, as yet unknown, will be hired under contract to participate in the review. Nat Miullo of the U.S. EPA reported that questions which he had raised at the previous meeting had been satisfactorily answered by the Rocky Flats communications department.

The next Monthly Exchange of Information Meeting will be held at the Broomfield City Council Chambers, No. 6 Garden Office Center, Broomfield, Colorado, on Tuesday, March 28, 1989, at 1:30 p.m.


Robert W. Terry, Health Physicist
Radiation Control Division
Colorado Department of Health