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WM Project 54

Docket No.

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ANNOUNCEMENT

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Dedication

of

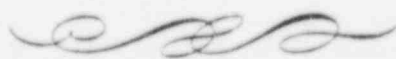
The U.S. Department of Energy's
Radon/Radon-Daughter Environmental Chamber Facility
Grand Junction Projects Office
Grand Junction, Colorado

on

Wednesday, the Eleventh of September, 1985, at 1:00 p.m.

by

Idaho Operations Office
U.S. Department of Energy



*The Environmental Chamber is Operated by
Bendix Field Engineering Corporation*

*Technical Measurements Center
Grand Junction, Colorado*

for the

*Division of Remedial Action Projects
U.S. Department of Energy
Washington, D.C.*

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RADON/RADON-DAUGHTER ENVIRONMENTAL CHAMBER

The environmental chamber facility was constructed at the U.S. Department of Energy (DOE) Grand Junction Projects Office for the purpose of calibrating, testing, and evaluating radon and radon-daughter measuring instruments. The chamber is a system containing an environmentally controlled vessel through which air containing radon gas is circulated. Radon and radon-daughter measuring instruments may be placed inside the chamber or radon and radon-daughter samples may be drawn out of the chamber through sample ports. The chamber is operated for the Technical Measurements Center in support of DOE Division of Remedial Action Projects by Bendix Field Engineering Corporation/Grand Junction Operations.

Chamber Environment Specifications

Volume	24,000 liters
Airflow Rate	0 to 4000 liters per minute
Radon Concentration	1 to 1000 pCi/liter
Temperature	0 to 45° C
Dew Point	-10° C to saturated
Condensation Nuclei Concentration	10 to 10 ⁶ /cm ³