

NYE County NWRPO -Technical Data Report

RID No.	Transmitter	Org.	Receiver	Org.	Key word1	Title/Description
3730	Hammermeister	NYE	QARC	NYE	ONC#1	Nye County NWRPO Independent Scientific Investigations Program Summary Annual Report, May 1, 1999 - April 30, 2000, Grant DE-FG08-96NV12027, and transmittal letter to DOE
Doc. Date	7/1/2000	General Doc. Type	Report	Keyword2	ESF, ECRB	
Entry Date	11/29/2000	Detailed Doc. Type	Annual Report	Keyword3	EWDP 1S, 3S,	
Data Originator Preparer	Nye County NWRPO					
Title of Data	Summary Annual Report, Grant DE-FG08-96NV12027, May 1999 - April 2000					
Description of Data	This record contains a hard copy and an electronic file of the subject report. This report summarizes selected pneumatic and water level data collection and calibration activities in borehole UE-25 ONC#1, the Enhanced Characterization of the Repository Block (ECRB) tunnel, and several Early Warning Drilling Program (EWDP) wells for the reporting period from May 1999 through April 2000.					
Data Collection Method	Data were collected following Nye County QA procedures and plans. Pressure and temperature data were collected from UE-25 ONC#1 and several EWDP boreholes using Westbay Mosdax probes and data loggers following procedures documented in NWRPO QA Technical Procedure TP-9.2 titled "Instrument Calibration and Collection and Processing of Data From Boreholes, Revised Version 2.0". Air temperature, pressure, relative humidity, and velocity data were collected from the ECRB using Campbell Scientific Inc. instruments and data loggers described in RID 113 and TP-9.3 titled "Instrument Calibration and Collection and Processing of Data from the ESF Tunnels".					
Data Location(s)	Pressure and temperature data were collected from packed-off locations in well UE-25 ONC#1, NC-EWDP-1S, NC-EWDP-3S, and NC-EWDP-9SX; and air pressure, temperature, relative humidity, and velocity were measured in the ECRB.					
Data Collection Period(s)	May 1999 through April 2000					
Data Source(s)	Pressure, temperature, humidity, and air velocity sensors/data loggers operated by Nye County NWRPO personnel. See data and analyses from 4 previous summary annual technical reports for the period May 1995 through April 1999 found in RIDs 403, 499, 728, and 1222, respectively.					
Data Censoring	None					
Data Processing	Procedures for processing original temperature and pressure data are described in NWRPO QA plans and procedures listed below.					
Data Limitations	All references to NC-EWDP-9S should be -9SX in the subject report. The method used to isolate Westbay Mosdax pressure/temperature probes in UE-25 ONC#1 as described in RIDs 163, 164, and 242 may affect the representativeness of air pressure data obtained from these probes. Each Westbay Mosdax pressure/temperature probe installed above the water table is in pneumatic communication with a relatively long (approximately 30- to 200-foot long) depth interval of formation rock. More specifically, probes are in communication with the air-filled annular space between the Westbay casing and the formation. Relatively short 1-meter long packers divide the air filled annular space into approximately 30 to 200 foot long intervals. In most cases, pressure/temperature probes are located in adjacent intervals of air-filled annular space separated by a single 1-meter long packer. However, in several cases probes are separated by two or three intervals of annular space separated by two or three packers. Because each pressure/temperature probe is in direct pneumatic communication with a rather lengthy interval of air-filled annular space and associated formation rock, the pressure data obtained from these probes may not be representative of pressures in the formation adjacent to the probes or at formation locations further away from the borehole in the lateral direction.					
Governing QA Docs.	WP-2, TP-9.2, TP-9.3					

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Frequency of Transmittal One time only

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Direct Questions About Data To- Nye County QA Records Center