

ORRES. CONTROL
OUTGOING LTR NO.

EG&G ROCKY FLATS

ORDER# 4700.1

94 RFL0700

EG&G ROCKY FLATS, INC.

ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

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ARAL, M.E.		
BLINGAME, A.H.		
BY, W.S.		
ENCH, D.B.		
ENIVAL, G.J.		
IS, J.G.		
RERA, D.W.		
Y, R.E.		
S, J.A.		
VER, W.S.		
AN, P.M.		
INI, B.J.		
MAN, L.K.		
LY, T.J.		
SAHL, T.		
IG, J.G.		
CHINS, N.M.		
KSON, D.T.		
L, R.E.		
STER, A.W.		
IX, G.E.		
ONALD, M.M.		
ENNA, F.G.		
TROSE, J.K.		
RGAN, R.V.		
TER, G.L.		
ZUTO, V.M.		
NG, T.L.		
OLIN, N.B.		
SWARTZ, J.K.		
LOCK, G.H.		
SWART, D.L.		
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October 18, 1994

94-RF-10700

Mr. Robert H. Birk
Environmental Restoration Division
DOE/RFFO

RETURN OF STANDLEY LAKE BALD EAGLES - IMPACT TO THE OPERABLE UNIT 3
AIR/METEOROLOGICAL MONITORING STATION OPERATIONS - THS-003-94

Action: Transmit correspondence to the USFWS.

On October 10, 1994 the presence of a Bald Eagle was confirmed at the Standley Lake Bald Eagle nesting area, located northwest of Standley Lake, by Marcia Murdock of the EG&G Rocky Flats Inc., Ecology and Watershed Management Division. According to Ms. Murdock, this eagle is likely the female of the Bald Eagle pair that has occupied the Standley Lake area during the past two winter nesting periods (typically from October to March). A second Bald Eagle was observed in the Standley Lake area by Ms. Murdock on October 13. It has not been confirmed at this time if this second eagle is the mate of the nesting pair. The Bald Eagle is currently protected under the Endangered Species Act, Bald Eagle Protection Act, and the Migratory Bird Treaty Act.

The early arrival of the eagles will likely affect completion of two of the four Operable Unit (OU) 3 ultra high-volume air/meteorological monitoring station installations. The United States Fish and Wildlife Service (USFWS) has previously recommended (during an informal consultation meeting held on January 28, 1994) that no air monitoring station installation activities be conducted when the pair of eagles are in residence within the general area of construction. Likewise, the USFWS has indicated that any installed monitoring station located in the vicinity of the nesting area must be operational prior to the arrival of the pair of nesting eagles. The two monitoring station sites that would most likely be impacted by the presence of the eagles are located north of 100th Avenue - between Alkire Street and Kipling Street - and east of 88th Avenue, near the southwest corner of Standley Lake (see attached figure). The 100th Avenue station site has been installed and is located approximately 500 feet northeast of the eagle nesting area. The planned 88th Avenue station site is located approximately one mile south of the nesting area. Construction at this air sampling station site has not begun.

Construction of the 100th Avenue air monitoring station is complete. All that remains to be done at this site is to have the electrical power source connected to the air sampling motor by Public Service Company of Colorado (PSC). The USFWS has recommended (during a site visit on October 17, 1994) that the power source connection operations be performed by PSC after dark when the eagles have left the area for the Eldorado Canyon night roost or during the early morning hours before the eagles return to the nesting area from the roost. EG&G is attempting to schedule this work during the week ending October 21.

Construction operations have not begun at the air sampling station location proposed near the southwest corner of Standley Lake, east of 88th Avenue, or at the planned meteorological monitoring station located east of the Rocky Flats Site. These two proposed

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REPLY TO RFP CC NO:

CON ITEM STATUS
PARTIAL/OPEN
CLOSED

APPROVALS: JHJ

EG & TYPIST INITIALS

Robert H. Birk
October 19, 1994
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sites were approved for construction by the Jefferson County Planning Commission on October 7, 1994. Construction operations were expected to begin at the two sites during the week ending October 14. The USFWS recommends (during an informal meeting held on October 13, 1994) not installing the proposed air monitoring station at the east end of 88th Avenue near Standley lake at this time, since the construction operations may adversely impact the pair of nesting eagles. The USFWS agrees that the meteorological station to be installed east of the Rocky Flats Site is not likely to impact the eagles and that installation of this station may begin at any time.

The remaining ultra high-volume air sampling station has been constructed near the southeast shore of Standley Lake at the southwest corner of 86th Avenue and Kipling Street (see attached figure). Like the 100th Avenue station, only electrical power is needed for the sampling equipment to become operational. The USFWS has indicated that this station is not likely to impact the eagles, but would like to witness the initial start-up of the air sampling motor to determine if the operational station would generate a noise level detrimental to the eagles.

Based upon the information provided above, EG&G recommends that the Department of Energy (DOE) transmit a formal letter to the USFWS describing the work completed at the 100th Avenue and 86th Avenue/Kipling Street station sites. The letter should indicate that DOE intends to have electrical power connected at the 100th Avenue station and the 86th Avenue station and that a demonstration of the air sampler will be scheduled at the 86th Avenue site for the USFWS shortly thereafter. Based on the demonstration results, operation of the 100th Avenue monitoring station may be justifiable to the USFWS.

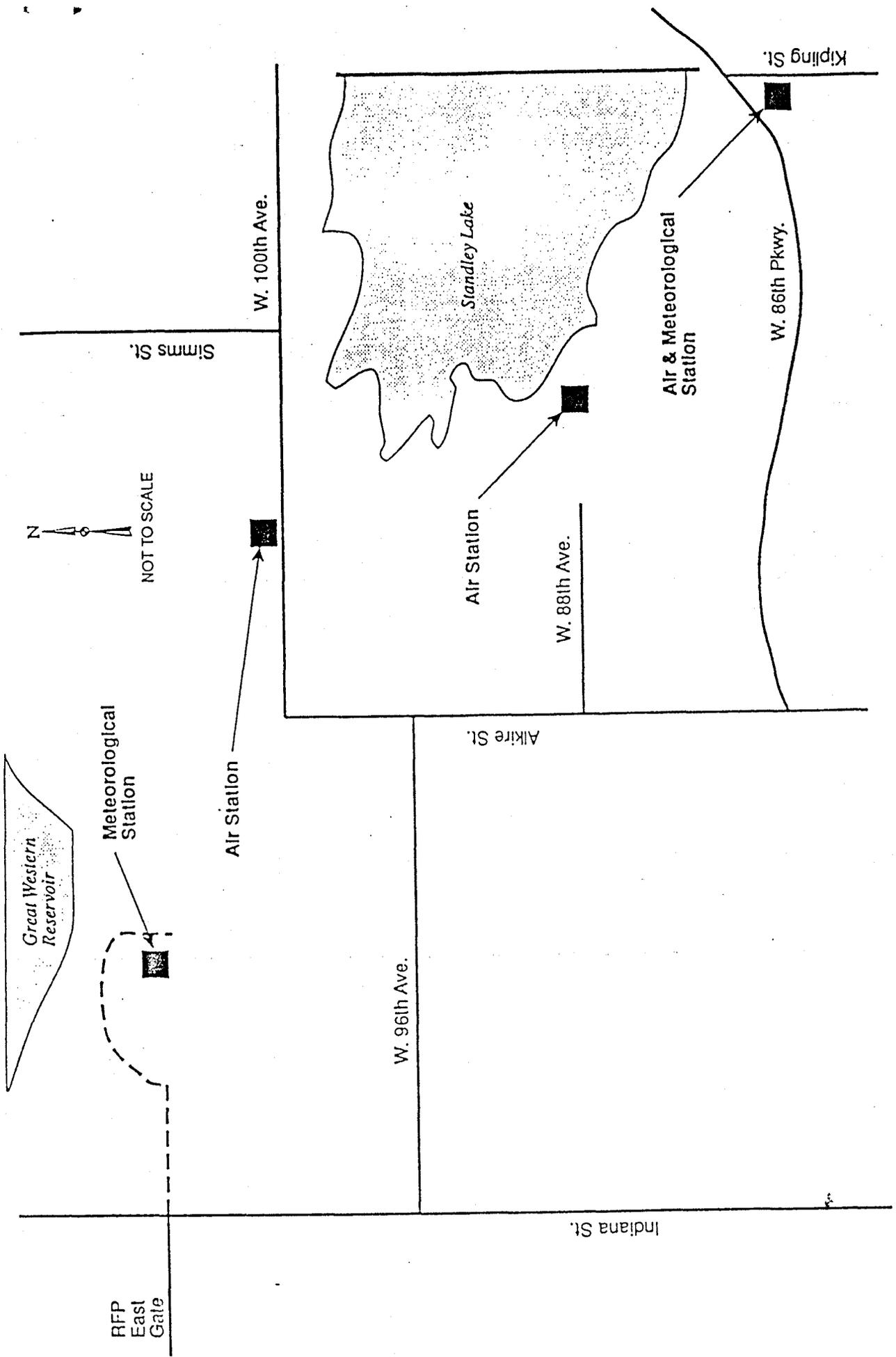
The letter should also summarize the work planned at the 88th Avenue site and the meteorological monitoring station location east of the Rocky Flats Site. Because the planned meteorological monitoring station site is located approximately one mile southeast and is not visible from the Bald Eagle nesting area, it is recommended that construction activities be proposed at this site at the earliest possible time. The 88th Avenue site is located approximately one mile from the nesting area and approximately 1/2-mile from the dead tree (nicknamed the "snag" by the Colorado Bird Observatory) most often used as a perch when the eagles are flushed from the nesting area. This monitoring station site is located within 800 feet of single-family homes with acreage for horses and frequent vehicle traffic. It is recommended that installation of the 88th Avenue air monitoring station be proposed as well. The summary/proposal letter should include a monitoring station location map for reference.

Please call me at extension 8551 if you have any questions or require additional information.

Tracey H. Spence

Tracey H. Spence
Operable Unit 3
Environmental Restoration Program Division
EG&G Rocky Flats, Inc.

THS:tjr



Operational Unit 3
 Air and Meteorological Monitoring Station
 Project Area