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EG&G ROCKY FLATS

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

JUL 31 1990

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DIST.	
ALLHOFF, F.H.	
BREEN, J.H.	
BRETZKE J.C.	
BURLINGAME, A.H.	
CROUCHER, D.W.	
DAVIS, J.G.	
FERRERA, D.W.	
FERRIS, L.R.	
FRANCIS, G.E.	
GOODWIN, R.	
HEALY, T.J.	
KERSH, J.M.	X
KIBBY, W.A.	
MAJESTIC, J.R.	
McKINLEY, K.B.	
MELLEN, J.B.	
MORGAN, R.V.	X
PARNELL, R.F.	
POTTER, G.L.	X
RHOADES, J.I.	X
RISNER, V.I.	
SANFORD, T.H.	
SHANNON, W.M.	
VAN LEUVEN, D.B.	
WARNER, B.P.	
YOUNG, E.R.	
Evans, J.E.	X
BRAND, D.A.	X
BETCHER, D.H.	
CARNIVAL, G.J.	
HARMAN, L.K.	
HEBERT, J.L.	
HOFFMAN, R.B.	
KLAMMAN, R.I.	
KREG, D.M.	
LOUDENBERG, G.E.	
NAIMON, E.R.	
NEWBY, R.I.	
TURNER, H.I.	
VELASQUEZ, R.N.	
Arndt, M.B.	X
BUSBY, W.S.	X
Edger, P.E.	X
Lambert, J.L.	X
Walters, G.H.	X
CORRES CONTROL	X X
CONTRACT ADMIN.	
Hobbs, F.D.	X

Robert M. Nelson, Jr.
Manager
DOE, RFO

Attn: D. P. Simonson

RELOCATION OF SURFACE WATER SAMPLING STATION SW-61

A discrepancy concerning the location of surface water sampling station SW-61 had been identified. The current location of station SW-61 is not the same as when the station was originally located. This discrepancy may lead to interpretation difficulties because the original site and the present site monitor different reaches of the same drainage, and may reflect significantly different water quality. The date when the sampling location was altered has been identified to eliminate this problem.

Surface water station SW-61 was marked and identified on July 20, 1987 in conjunction with the Phase II Remedial Investigation of what is currently Operable Unit 2. The original location was at the mouth of the concrete reinforced pipe to the north of SW-60. According to the sampling records, samples were collected at this location on 7/22/87 and 11/11/87. Contract arrangements were conducted in April of 1988 to install permanent signs at all surface water stations. Sampling records during July of 1988 revealed that the original stake used to locate the stations was downstream of the original position. Consequently, the permanent station was installed at the downstream location and samples were subsequently collected there. Two possibilities exist explaining how the sign was moved: 1) it washed downstream during a storm event, and 2), it was run over during routine grass mowing in the area.

EG&G will add a new permanent station at the original location for SW-61 and evaluate the utility of collecting data at the present SW-61 location. EG&G has recognized the possibility of this problem at other surface water locations, and began site investigations of other locations in early June, 1990. EG&G identified additional stations and redundant stations and is currently revising the present set of stations. In addition, EG&G is fully describing each station, checking and upgrading each location marker, and confirming its location with historical data. We feel that this will eliminate any potential confusion with the surface water program.

CLASSIFICATION:
 UCN 7/17/90 (u)
 UNCLASSIFIED: X
 CONFIDENTIAL
 SECRET

AUTHORIZED CLASSIFIER SIGNATURE: *[Signature]*
 DATE: 7-26-90

IN REPLY TO LTR NO.
 877-RF-90

PC#
 LTR APPROVALS:
 MBA: *[Signature]*
 JEE: *[Signature]*
 ORIG & TYPIST INITIALS
 PPF: LAA

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If you have any questions or require further information please contact Mike Arndt of my staff at x4294.



J. M. Kersh, Associate General Manager
Environmental Restoration & Waste Management

PFF:la

Orig. and 1 cc - R. M. Nelson, Jr.

cc:

S.R.Grace - DOE, RFO

T.T.Olsen - DOE, RFO

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