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CORRES CONTROL
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Department of Energy

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Rocky Flats Office

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ACTION

DIST.	LTR	ENC
BENJAMIN, A.		
BERMAN, H.S.		
BRANCH, D.B.		
BURLINGAME, A.H.		
CARNIVAL, G.J.		
COPP, R.D.		
CROUCHER, D.W.		
DAVIS, J.G.		
EVERED, J.E.	X	X
FERRERA, D.W.		
GOODWIN, R.		
HANNI, B.J.		
HEALY, T.J.		
HILBIG, J.G.		
IDEKER, E.H.		
KERSH, J.M.	X	X
KIRBY, W.A.		
KRIEG, D.		
KUESTER, A.W.		
LEE, E.M.		
MAJESTIC, J.R.		
MARK, G.E.		
MORGAN, R.V.		
PIZZUTO, V.M.		
POTTER, G.L.		
SANDLIN, N.B.		
SHEPLER, P.L.		
SULLIVAN, M.T.		
SWANSON, E.R.		
MAN, K.G.		
E. J.S.		
WILKINSON, R.B.		
WILSON, J.M.		
YOUNG, E.R.		
ZANE, J.O.		

MAY 22 1992

EG&G
ROCKY FLATS PLANT
CORRESPONDENCE CONTROL

ERD:PMP:5478

Section D Categorical Exclusion (RFO/CX012-92) Determination

C. M. Borgstrom, Director Office of NEPA Oversight, EH-25, HQ

A copy of RFO/CX012-92, Health Physics Environmental Upgrades, is attached for your review.

David P. Simonson
for Terry A. Vaeth
Manager

Attachment

cc w/Attachment:
M. Mitchell, DP-6.1
T. Pflaum, DP-9
M. Seitz, DP-6.1
S. Nesta, EG&G

Nesta SIXX

CORRES CONTROL y y
TRAFFIC

Reviewed for Addressee
Corres Control RFP

5-28-92 *Ci*

DATE BY

1. #

DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

**SECTION D DETERMINATION
CATEGORICAL EXCLUSION (CX) DETERMINATION - RFO/CX012-92**

Proposed Action: Health Physics Environmental Projects
Location: Plutonium Processing Buildings, Rocky Flats Plant
Proposed by: U.S. Department of Energy, Rocky Flats Office

Description of the proposed action:

Rocky Flats Plant proposes an action consisting of three projects: air monitoring upgrades, ambient air particulate sampling system replacements, and representative effluent sampler replacements. These actions are needed to insure that RFP meets DOE Order 5480.11, Section 9.g(3) (Radiation Protection for Occupational Workers) and 40 CFR Part 61, Subpart H (National Emission Standards for Hazardous Air Pollutants) requirements for air monitoring and ALARA.

The air monitoring upgrade would consist of installation of Selective Alpha Air Monitors (SAAM) detectors at each production area exhaust grille in 12 plutonium production and support buildings shown in Figure 1 (374, 559, 707, 771, 774, 776, 777, 779, 886, 991, 997, 999). The total number of SAAMs that are to be installed is approximately 472. The proposed system would interface with the air monitoring improvement computers, and would provide real time data monitoring and alarm and trouble logging from the proposed exhaust grille SAAMs. The addition of these SAAMs would assure the fastest consistent notification of airborne release of Pu.

Representative effluent samplers replacements would consist of like for like replacement of existing effluent air samplers in 32 exhaust ducts located in the plutonium processing area (Figure 2). These representative effluent air samplers would provide real time monitoring for stack emissions. The new samplers would ensure that RFP can meet the sampling requirements of 40 CFR Part 61.

The ambient air particulate sampling system replacement would be a like for like replacement of approximately 75 existing ambient air particulate samplers (Figures 3 and 4). The present sampling system was installed in 1975 with a 10 year life expectancy and is experiencing age related failures. In addition, the current system does not allow for particulate size discrimination or automatic flow control, which are two *recent technological requirements* for adequate ambient air sampling according to EPA regulations. The new samplers would be placed at existing ambient air particulate sampler locations.

The total estimated cost for this project is 27.6 million dollars.

Categorical Exclusion to be applied:

This activity is a general plant project such as road and parking area resurfacing, modifications to heating-ventilating-air conditioning systems, minor alterations of existing buildings, and other similar projects where: (1) The projects are located within previously developed areas and would not affect environmentally sensitive areas such as archaeological sites, critical habitats, floodplains, and wetlands and (2) the projects are not part of a proposed action that is or may be the subject of an EA or EIS. (DOE NEPA Guidelines, 52 FR 47668).

SECTION D DETERMINATION
CATEGORICAL EXCLUSION (CX) DETERMINATION - RFO/CX012-92
Health Physics and Environmental Upgrades

I have determined that the proposed action meets the requirements for the CX as defined in Section D of DOE NEPA Guidelines. Therefore, I approve the categorical exclusion of the proposed action from further NEPA review and documentation.

Date 5/15/92

Signature: 
Terry A. Vaeth
Title: Manager, Rocky Flats Office

Program Sponsors:

Date: 5/12/92

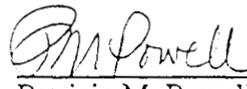
Signature: 
(for) Thomas E. Lukow
Title: Director, Waste Management & Environment Division

Date: 5/13/92

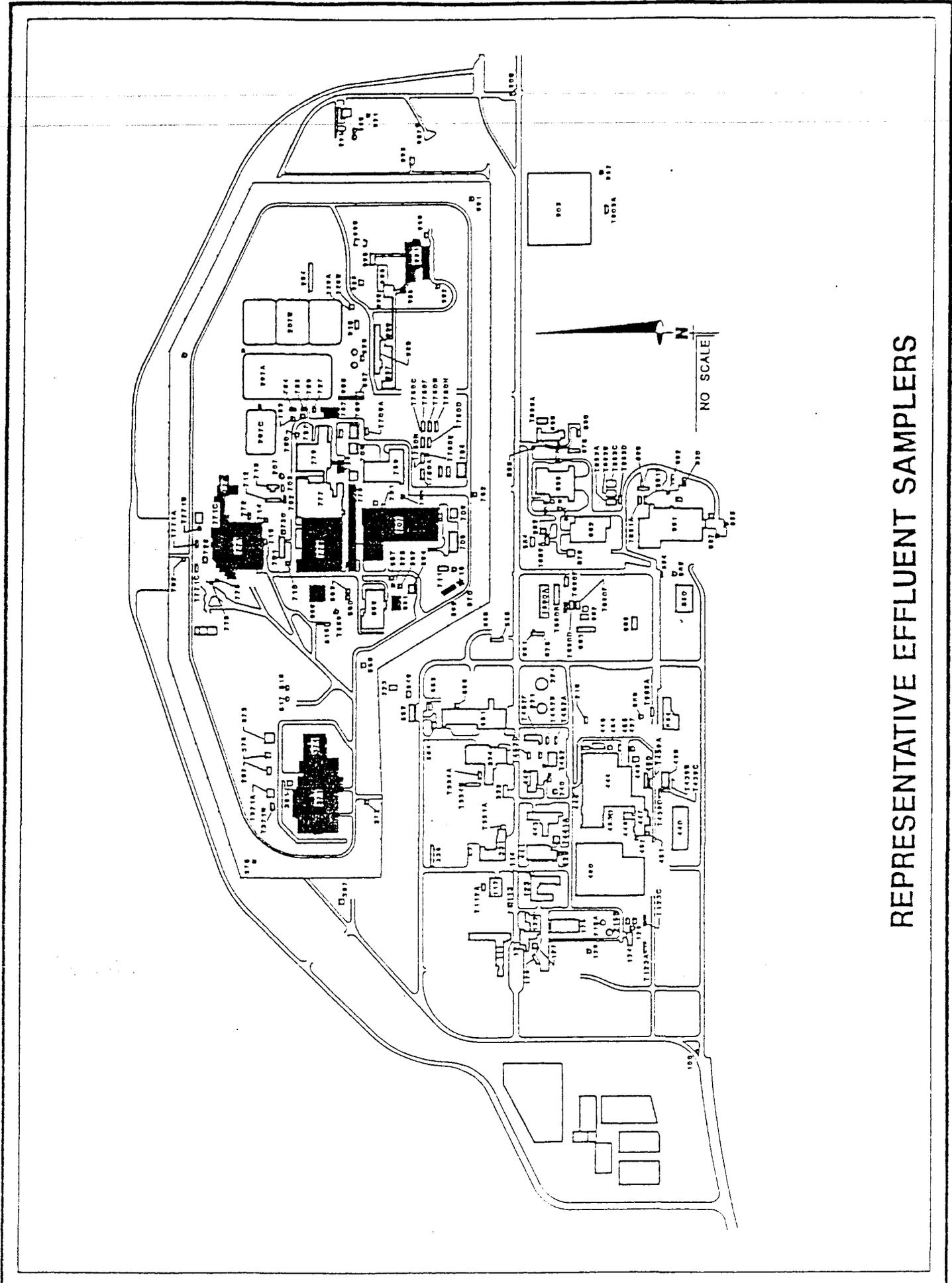
Signature: 
Shirley J. Olinger
Title: Director, Safety Division

I have reviewed this action and find that a CX is the appropriate level of NEPA Documentation.

Date May 8, 1992

Signature: 
Patricia M. Powell
Title: NEPA Compliance Officer

Funding: ADS # 83B (DP)
EC 329206



REPRESENTATIVE EFFLUENT SAMPLERS

Figure 2

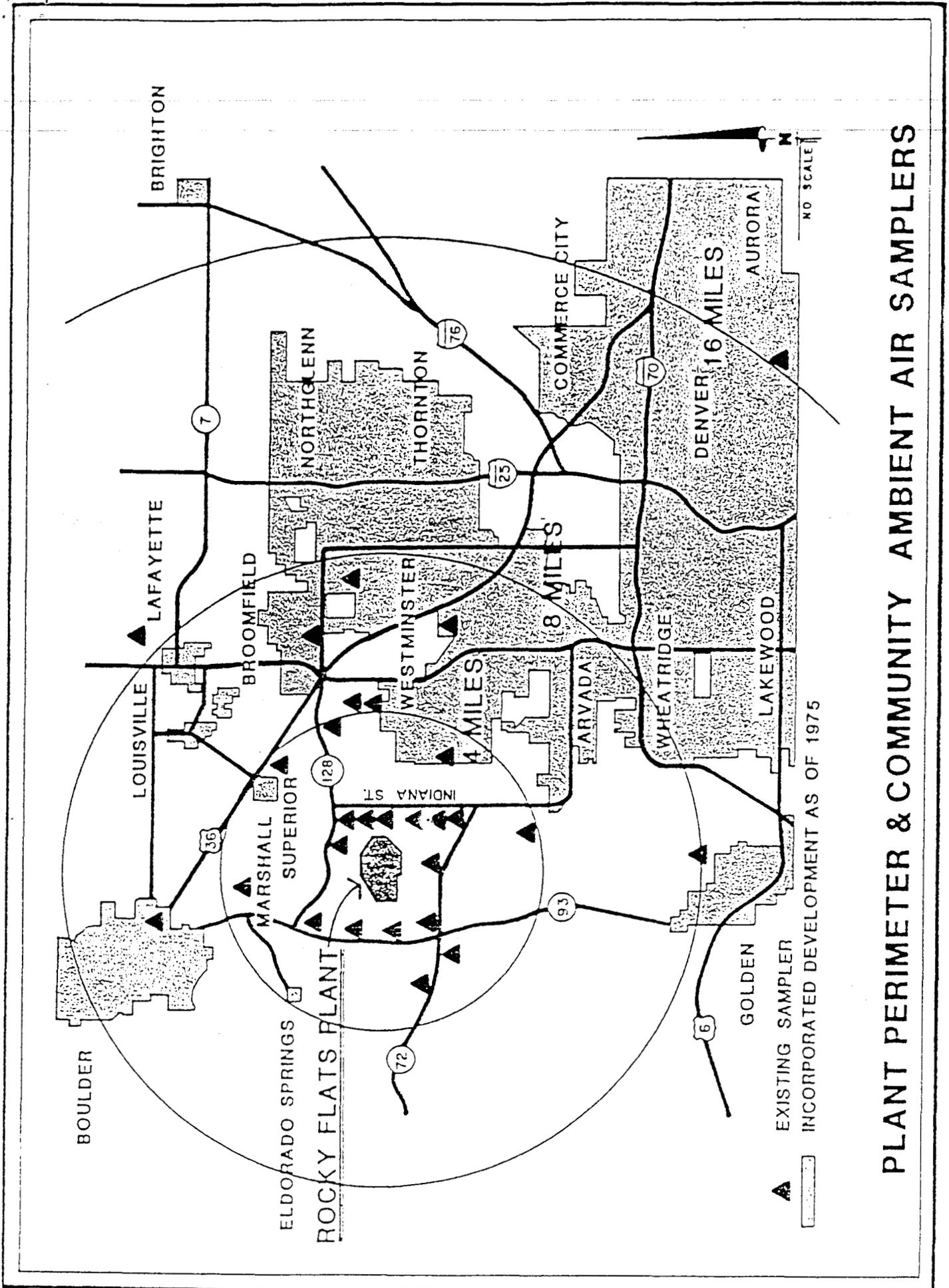


Figure 4