



0033118

Incoming: 9307078

Department of Energy

Richland Field Office

P.O. Box 550

Richland, Washington 99352

94-RPS-052

DEC 02 1993

Mr. David B. Jansen, P.E.
Unit Manager
State of Washington
Department of Ecology
P.O. Box 47600
Olympia, Washington 98504-7600

Dear Mr. Jansen:

RESPONSE TO THE STATE OF WASHINGTON DEPARTMENT OF ECOLOGY REQUEST FOR
ADDITIONAL INFORMATION ON THE DIESEL GENERATOR FOR THE ROTARY MODE CORE
SAMPLING SYSTEM

Enclosed please find the response to the State of Washington Department of Ecology (Ecology) request for additional information on the diesel generator accompanying the rotary mode core sampling system. This response has been prepared at the direction of Mr. D. B. Jansen, of Ecology, to Mr. J. E. Rasmussen, of my staff, on November 17, 1993, to satisfy the request to provide specific information on the diesel generator emissions.

A Notice of Construction (NOC) was submitted to Ecology on July 9, 1993, for the rotary mode core sampling system exhausters. The request for information on the diesel generator is to support approval of the NOC and issuance of a permit by Ecology. Approval of the NOC is required to initiate rotary mode core sampling. Your prompt attention to this matter would be appreciated. Hanford Federal Facility Agreement and Consent Order Milestone M-10-13 requires the restoration of rotary mode core sampling ability by March 31, 1994.

Should you have any questions, please contact me or Mr. S. D. Stites of my staff on (509) 376-8566.

Sincerely,

James D. Bauer, Program Manager
Office of Environmental Assurance,
Permits, and Policy

EAP:SDS

Enclosure:
Response to Request

cc w/encl:
R. C. King, Ecology
J. J. Luke, WHC
D. N. Price, WHC



Response to Request from the
State of Washington Department of Ecology
on the Rotary Mode Core Sampling Exhauster
Notice of Construction

Discussions between Mr. J. E. Rasmussen of the U.S. Department of Energy, Richland Operations Office, and Mr. D. B. Jansen, of the State of Washington Department of Ecology, on November 17, 1993 resulted in an agreement that the following information be provided on the emissions from the generator to accompany the rotary mode core sampling system.

The generator is a John Deere model 6078AF, 300 horsepower, diesel powered electric generator. Emissions at 100 percent load are as follows:

	grams per hour	tons per 1000 hours
Hydrocarbons (HC)	57	0.063
Carbon Monoxide (CO)	1025	1.13
Oxides of Nitrogen (NO _x)	2050	2.26
Sulfur Dioxide (SO ₂)	Dependent on fuel	

This table is based on manufacturers data and should be used in place of emissions data derived from AP-42.

CORRESPONDENCE DISTRIBUTION COVERSHEET

Author: J. D. Bauer, RL
(C. E. Sowa, WHC)

Addressee: R. F. Stanley, Ecology

Correspondence No.: Incoming:9307078
XRef:9360030D

Subject: RESPONSE TO THE STATE OF WASHINGTON DEPARTMENT OF ECOLOGY REQUEST FOR
ADDITIONAL INFORMATION ON THE DIESEL GENERATOR FOR THE ROTARY MODE
CORE SAMPLING SYSTEM

INTERNAL DISTRIBUTION

Approval	Date	Name	Location	w/att
		Correspondence Control	A3-01	
		D. J. Carrell	H6-22	
		D. B. Hagmann	S2-46	
		G. W. Jackson, Assignee	H6-21	
		J. J. Luke	H6-25	
		P. J. Mackey	B3-15	
		H. E. McGuire, Level 1	B3-63	
		D. N. Price	S2-48	
		J. D. Robinson	H5-09	
		C. E. Sowa	H6-25	
		EPIC	H6-08	
		CES/File/LB	H6-25	