

# ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

3.5(A 2157)

Telephone 312/972-3115

January 23, 1980

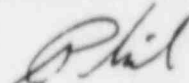
Mr. William J. Dircks, Director  
Office of Nuclear Material  
Safety and Safeguards  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Bill:

Enclosed are two copies of the ANL/EIS Monthly Report for  
the month ending December 31, 1979.

With best personal regards,

Sincerely yours,



P. F. Gustafson, Director  
Division of Environmental  
Impact Studies

PFG/amw  
Enc.

cc: J. E. Ayer  
R. E. Cunningham  
L. L. Gordon  
M. E. Krug  
J. Linehan  
D. Loosley ✓  
J. B. Martin  
H. J. Miller  
J. P. Roberts  
L. C. Rouse  
R. A. Scarano

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PDR FOIA  
RAPKIN85-438 PDR

ARGONNE NATIONAL LABORATORY  
OFFICE OF NUCLEAR MATERIAL SAFETY AND  
SAFEGUARDS

Report for the month ending December 31, 1979.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Consultant Services (A2010) - R. A. Zussman, Project Leader

Williams-Robinette and Associates was authorized by letter to begin to provide assistance on two tasks: (1) proposed NRC staff regulatory position regarding site suitability analyses in support of evaluating groundwater impacts related to uranium recovery operations; and (2) review of comments and responses related to the generic uranium mill statement. Estimates of effort for each task were requested of the consultants.

. Western Nuclear (A2010) - N. J. Beskid, Project Leader

There was no substantive effort expended on this project this month. Thus, the only costs incurred are for division management and M & S charges to maintain the project. Early in the month, the NRC EPM and the project leader held phone conversations directed toward correcting the final draft for publication.

. Union Carbide Gas Hills (A2010) - M. Novick, Project Leader

Revision of the first three sections of the DES for the FES was completed. Work continued on the balance of the document.

. Natural Phenomena Project (A2150) - J. E. Carson, Project Leader

Relative concentration and deposition values for the Atomic International facility were calculated using onsite wind data and the "synthetic" stability class adopted; these x/Q values were compared with those calculated from Burbank Airport STAR data. Relative concentration values for straight-line wind damage for the Exxon and G.E.-Vallecitos plant were computed.

. Milling Operations Programmatic Statement (A2143) - G. L. Montet, Project Leader

The ANL project leader attended a meeting with NRC personnel on 3 December 1979 at which responsibility for the preparation of responses to categories of comments were assigned. The ANL team will respond in the areas of environmental effects, monetary costs of alternatives, and source terms for radiological effects. Some work has begun in all these areas, but emphasis has been placed on seepage effects so that the team member responding in this category might do so during his Christmas vacation.

A. STATUS OF ENVIRONMENTAL STATEMENTS (Cont'd.)

. Kerr-McGee (A2157) - J. L. Saguinsin, Project Leader

Members of the project team attended a town meeting on December 18, 1979 called by the City of West Chicago to hear the city's hired consultant (Eli Port) and to get a progress report from Kerr-McGee on its decommissioning activities. The City's Consultant is reviewing Kerr-McGee's submitted decommissioning plan and is taking radiological measurements in the area. Others attending the meeting include representatives from NRC, U.S. EPA, and various other state agencies. Work towards completing the preliminary draft EIS is progressing.

B. BUDGET

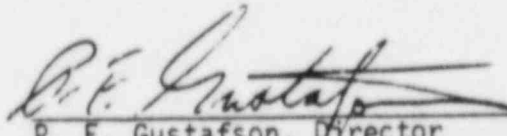
The cost report for December is attached.

C. OVERDUE ACTIONS BY FCMS REGARDING LABORATORY REQUEST

None

D. REMARKS

We have had some informal discussions (with the knowledge and support of Regulatory Research) with DOE and EPA in regard to augmenting the funding of the Mill Tailings Research Program.

  
P. F. Gustafson, Director  
Division of Environmental Impact Studies

C. BUDGET - The Division of Fuel Cycle and Material Safety.  
Total Cost to Date Through December 31, 1979, (Including Previous FY's)

Fin No.	Project Title	Effort in Man Months			Effort Related Cost K\$			Other Direct Costs K\$ (Travel, Graphics and Supplies)			Supportive <sup>b</sup> Cost K\$			Total Cost K\$		
		Dec	FY	Total	Dec	FY	Total	Dec	FY	Total	Dec	FY	Total	Dec	FY	Total
		1979	1980	To Date	1979	1980	To Date	1979	1980	To Date	1979	1980	To Date	1979	1980	To Date
<b>A2010 FUEL CYCLE - FRONT END</b>																
	Consultant Services	-	-	-	-	-	-	0.1	2.3	2.3	-	-	-	0.1	2.3	2.3
	Pioneer Uranium	-	1.0	1.0	-	4.9	4.9	-	-	-	-	0.6	0.6	-	5.5	5.5
	Kerr-McGee W. Chg.*	(2.3)	-	51.9	(10.8)	-	188.7	(2.6)	(0.9)	30.6	(1.5)	-	33.6	(14.9)	(0.9)	252.9
	Western Nuclear	-	0.7	63.5	-	2.9	252.1	-	0.2	28.3	-	0.4	41.9	-	3.5	322.3
	Union Carbide	2.5	7.0	58.5	12.0	34.0	232.7	0.5	5.0	33.2	3.8	6.5	40.5	16.3	45.5	306.4
	General <sup>a</sup>	0.2	1.1	-	1.2	5.3	-	-	-	-	0.1	0.6	-	1.3	5.9	-
	<b>TOTAL</b>	<b>0.4</b>	<b>9.8</b>	<b>-</b>	<b>2.4</b>	<b>47.1</b>	<b>-</b>	<b>(2.0)</b>	<b>6.6</b>	<b>-</b>	<b>2.4</b>	<b>8.1</b>	<b>-</b>	<b>2.8</b>	<b>61.8</b>	<b>-</b>
A2150 - Natural Phenomena		0.2	0.6	37.4	1.0	3.0	150.3	9.1	9.6	383.8	-	-	-	10.1	12.6	534.1
A2143 - UMDGES		0.6	2.8	220.0	2.9	13.7	741.3	5.5	31.0	231.8	-	-	-	8.4	44.7	973.1
A2157 - Kerr-McGee		3.2	3.2	3.2	14.5	14.5	14.5	2.8	2.8	2.8	-	-	-	17.3	17.3	17.3

<sup>a</sup>Generic effort and associated general costs.

<sup>b</sup>Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

\*Closed.

THIS REPORT IS A REFLECTION OF THE DATA BASE USED FOR BILLING BUT IS INTENDED FOR INFORMATION ONLY - NOT FOR BILLING PURPOSES.