

JOEL P. PAULSON & CO
BUILDING SPECIALTIES

140 EAST 32ND SOUTH
P. O. BOX 138 SUGAR HOUSE STATION
SALT LAKE CITY 5, UTAH
Oct. 7, 1955

PHONE HUNTER 5-9251

Uranium Reduction Company
P. O. Box 488
Moab, Utah

Attn: Mr. R.B. Winn

Re: Filter Press Paper Incinerator

Dear Mr. Winn:

We are sorry we have not been able to get the promised information to you sooner, but the engineering departments have been behind schedule. We are now enclosing a set of drawings covering a similar installation now in progress for the General Electric Company.

As we discussed at the time of my visit to you, we figured approximately 50 lbs. per day of wet, dust impregnated paper, to be incinerated. Two other factors were also taken into consideration: reclaim of the dry dust, and no emission of dust from the stack. This cannot be accomplished by any standard incinerator. The unit would have to have either a dry dust collector or a wet gas washer to reclaim the dust. Even with this arrangement, the efficiency would only be 65 percent. To get 100 percent efficient operation, there would have to be a prefilter and a positive filter arrangement, as shown on the drawings, to protect dust from being discharged into the atmosphere which may escape the dust washer.

Instead of using a 150 lb. per hour unit, we would use our K25 heavy-duty disposal as a retort type with a flue gas washer either wet or dry with a prefilter and a positive filter with an induced draft blower. The cost of this equipment would be approximately \$6,000.00.

We know that the cost seems rather high but what you are trying to accomplish is rather difficult, as we have experienced this on a similar job and found that all of the above mentioned equipment has to be used.

We are happy to present our answer to your problem, and if we can supply you with any further information, please feel free to call us.

Yours truly,

Ralph O. Robinson

RO:rh

Enclosures

9612230003 591001
PDR ADOCK 04003453
C PDR

JOEL P. PAULSON & CO

BUILDING SPECIALTIES

443 EAST 32ND SOUTH

P. O. BOX 132 SUGAR HOUSE STATION

SALT LAKE CITY 5, UTAH

Oct. 7, 1955

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RADIATION SURVEY

Date 8/18/58

Instrument

Time	Location	General Conditions	Specific Observations	MREM/HR Count	Distance from Source	MREM/HR Exposure
	Piering Section	Clear	At Piering Section	50		
			At Piering Section	38		
			At Piering Section	37		
			At Piering Section	34		
	Storage Tanks	Clear	At Storage Tanks	08		
			At Storage Tanks	02		
			At Storage Tanks	36		
	Boiler Room	Clear	At Boiler Room	10		
	Tailings Pond		On Tailings Pond	70		
			South Dike	7.00		
			North Dike	1.30		
			East Dike	2.40		
	Office Building	Clear	Average Reading	02		
	Warehouse	Clear	Average Reading	01		
	Machine Shop	Clear	Average Reading	03		
	Garage	Clear	Average in Garage	07		
			North Wall	11		
	Water Plant	Clear	Pump Room #2	06		
			Pump Room #3	10		
	Copper Shop		Average Reading	11		
	Paint Shop	Clear	Average Reading	10		
			On Floor	11		
	Garage	Clear	Locker Room	03		
	Lot	Clear	Average	05		
			Metal Building	15		
			Flooring	10		

