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MOUND LSDR PROJECT  
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March 12, 1963

Mr. W. B. Creamer, Area Manager  
U. S. Atomic Energy Commission  
P. O. Box 66  
Miamisburg, Ohio

Dear Mr. Creamer:

TWX Number 366C dated March 1, 1963,  
from G. A. Seay to W. B. Creamer

Please refer to the above mentioned TWX. The following paragraphs are in reply to the questions asked and follow the same numbering sequence:

1. Safety restrictions were considered in planning the locations of these buildings in the lower area. Actual locations of the three proposed buildings will comply with Ordnance Safety Manual ORDM-7-224.
2. Careful consideration was given last year and again this year to locating the Plastics Facility adjacent to the "B" Building. The creation of a fire hazard caused by use of inflammable solvents in Plastics Facility operations precluded locating this facility next to the "B" Building.

The flow of plastic material will be from formulation operations to molding and associated operations within the Plastics Facility to the inert assembly in the "B" Building via one truck load of plastic heads per week.

GROUP I  
Excluded from automatic  
downgrading and  
declassification

SECRET

RESTRICTED DATA

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MOUND DECLASSIFICATION REVIEW	
1ST REVIEW DATE: <u>9/3/98</u>	DETERMINATION (CIRCLE NUMBER(S))
AUTHORITY: <input type="checkbox"/> AOC <input checked="" type="checkbox"/> ADC <input type="checkbox"/> ADD	1. CLASSIFICATION RETAINED
NAME: <u>Dr. K. J. ...</u>	2. CLASSIFICATION CHANGED TO: _____
2ND REVIEW DATE: <u>9/3/98</u>	3. UNCLASSIFIED INFO
APPROVED BY: <u>[Signature]</u>	4. COORDINATE WITH: _____
DATE: <u>9/3/98</u>	5. DECLASSIFICATION CANCELLED
	6. UNCLASSIFIED INFO BRACKETED
	7. OTHER COMMENTS: _____

3. Present "B" Building Facility cannot provide requirements with multi-shift operations because large variety of different products put severe limitation on setup and breakdown tooling time. Only 340 square feet of space are now utilized for transducer assembly in "B" Building. Only one molding press and auxiliary operations could be fitted into this area resulting in an inefficient and unsatisfactory situation.
4. The required injection molding facility will not be a part of the Plastic Facility nor the proposed Explosive Component Facility. It will be part of the inert assembly operations in the "B" Building.
5. No space was allocated in the Test Firing Area since it was found that these operations could be done more efficiently in one central cable inspection area. The flow of all cables (including test fire) will follow a direct route from the Receiving Department in the Warehouse to the "B" Building for inspection utilizing the same personnel and equipment in one area. After inspection, production cable will go to inert assembly in the same building and test cable will go direct to Test Fire Area. Since test fire cable is destroyed in tests, there is no lengthy transportation after tests are completed.
6. Allocation of space for the production and development support functions in the manufacture of items listed in paragraphs A, B, C and D of TWX is explained by the table that follows. In addition, space allocations in buildings cited in referenced TWX are covered in the Functional Analyses of Mound Laboratory Building Space, which was submitted to you on March 11, 1963, along with the FY-1965 Budget Submission for Construction.

SPACE ALLOCATION - DEVELOPMENT & PRODUCTION SUPPORT  
(IN SQUARE FEET)

	A	B	C	D
	<u>Present Type</u>	<u>Multipoint</u>	<u>Timers,</u>	<u>Timers,</u>
<u>Buildings</u>	<u>Single Det.</u>	<u>or</u>	<u>Drivers &amp;</u>	<u>Drivers &amp;</u>
		<u>Lighting Sys.</u>	<u>Transducers</u>	<u>Transducers</u>
			<u>for Zippers</u>	<u>for Explosive</u>
				<u>Firing Sets</u>
"E" *Existing	1778	1974	1159	504
Proposed	1500	2000	1226	1500
"E" *Existing	0	892	400	0
Addition Proposed	800	900	800	829
Expl. } Comp. } Devel. } & Stds.	Proposed 5536	8701	5542	4488
Plastics } *Proposed	100	100	100	100
Expl. } Comp. } Prod. }	*Proposed 400	800	400	400

\* Remainder of space is used for Direct Production.

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*W*

Mr. W. B. Creamer

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March 12, 1963

If you have any questions regarding this information, please let me know.

Very truly yours,

Original signed by D. L. Scott

David L. Scott  
Vice President,  
Plant Manager

DLS/bas

cc: Mr. W. B. Creamer (2)

bc: Mr. D. L. Scott  
Mr. G. A. Essig *W*

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