

25X1A5a1



3 September 1971

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Re:



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The prison manufactured shelving supplied by the Using Agency for installation on the moveable platforms is inadequate for this application. On some units the misalignment is such that it is necessary to re-drill the vertical members in order to insert bolts; other units have considerable variance in the length of these members.

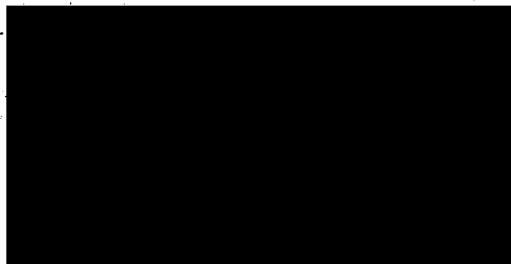
Given these circumstances it is impossible to install a group (5) of the shelving sections on the moveable platforms that does not rack excessively.

Given these structural inaccuracies and variations and the resulting "working" of the structure as it starts and stops it is impossible to maintain the rigidity required to avoid the dropping out of the safety cords.

The approved mechanical and electrical equipment is inadequate for this application as presently specified.

One has to realize this general concept of moveable shelving is excellent but it is believed this use, wherein shelving of doubtful applicability to moving platforms is specified, is unique and has considerably different problems than other installations presently in operation or the prototype assembled for your observation at the manufacturer's plant.

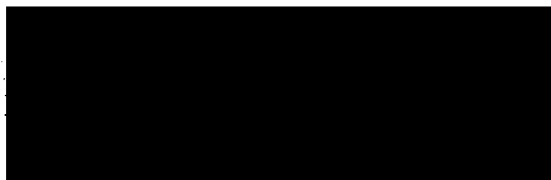
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It is suggested that your office authorize an engineering study of the problems and make recommendations for necessary changes.

We are convinced on the basis of our own observation and consultation with a respected and experienced structural engineer that the presently specified construction procedure is structurally defective.



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Owner