

OFFICE MEMORANDUM

TO : C. R. Wherritt, ENG-1

DATE: April 20, 1964

FROM : T. L. Shipman, M.D., Health Division Leader

SUBJECT: WASTE DISPOSAL - DP SITE

SYMBOL : H

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One long range consideration should be kept in mind in any discussions concerning waste treatment facilities at DP Site even though the point in question may have no effect on it. If, as, and when the Meson Factory is built on the mesa south of Omega Canyon, there will be liquid wastes both from the accelerator itself and from the radiochemistry laboratory which will have to be handled in some way. Either the Meson Factory installation will have to have its own waste treatment plant or the wastes will have to be pumped either to TA-50 or to a new treatment facility at DP West.

It is almost impossible at this stage of the game to determine the nature or quantity of wastes which will be produced by the Meson Factory, although it would certainly seem that a waste treatment facility at the Site which would be operated perhaps two or three days a week should cost no more than \$250,000, and perhaps considerably less. I have been out on that mesa and the depth of the canyon between there and DP West shows that a pipeline between the two facilities would be a formidable engineering project; I would guess that the canyon is close to 300 feet deep, with the DP side being considerably higher than the Meson Factory side. The pipeline to TA-50 is also a pretty awesome project.

The purpose of this memo is simply to point out that a final decision as to future waste treatment facilities at DP Site should be made only after there is some assurance that no future modifications have to be made to accommodate Meson Factory wastes. We in H-Division will continue to work closely with P-11 and J-11 so that preliminary recommendations can be made at the earliest time possible.

T. L. Shipman

T. L. SHIPMAN, M.D.
Health Division Leader

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