

OFFICE MEMORANDUM

TO : N. E. Bradbury, Director DATE: March 27, 1964
THRU : John Bolton, ENG-DO
FROM : T. L. Shipman, M.D., Health Division Leader
SUBJECT: WASTE DISPOSAL - DP SITE
SYMBOL : H

0691
TA-50
TA-51

Consideration must be given to a significant change in the facilities for treatment of contaminated waste at DP Sites. This is necessitated by the fact that it is now obvious that both DP West and DP East are in business permanently and that DP East will in the future produce increasing amounts of radioactive wastes.

At the present time contaminated wastes from DP East are simply discharged to an open pit north of the installation. A pipeline must be constructed to the treatment plant at DP West in the near future.

Unfortunately, the existing treatment plant at DP West does not have the capacity for handling any significant increase in input. This leaves one of three alternatives:

1. Expand the existing treatment plant at DP West. This proposal is not looked on with any degree of favor as the existing plant is rather a hodgepodge of previous additions. Furthermore, it is built almost entirely above ground which means extreme inefficiency in operation. Operating personnel must spend much of their time climbing up and down ladders and stairways.
2. Run a pipeline from DP Site to TA-50. With two canyons in between, this presents engineering problems which may or may not be insurmountable and the cost certainly would be high.
3. Construct a new waste treatment plant to serve the two DP Sites. This would certainly be our preference, and we are making a wild guess at a cost of approximately \$250,000. Such a plant would almost certainly be designed so that it could be operated indefinitely by two men and it would have the capacity for any foreseeable expansion in work at either of the DP Sites.

Copy
Carbon filed Sites: DP West & E



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To return to the first alternative above, it should be pointed out that it is already becoming increasingly difficult to keep the existing plant in operation. Some parts of it are relatively new, while other parts are virtually worn out and obsolete. Furthermore, existing structures such as pits and tanks which are already surrounded make further expansion extremely awkward.

May I request an engineering study to decide which of the three alternatives listed above should be considered most seriously with a thought being given to this line item in either FY 66 or FY 67.

ORIGINAL SIGNED BY
THOMAS L. SHIPMAN, M. D.

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

TLS/de

cc: Eric Fowler, H-7
Dean Meyer, H-1 ←