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[illegible] & NARVER, Inc.

TO: D. C. Van Dine

FROM: David L. Narver, Jr.

[illegible] November 19, 1953

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Reference AEC Resident Engineer's letter [illegible] dated November 11, 1953 to Jonsite.

1. Station 2300-Peter

a. Wall is intended to be monolithic with adjoining walls. Drawing [illegible], detail [illegible], indicates typical steel requirements at a wall intersection.

b. The curtain of steel not interrupted by the notches at the top of the wall should have been shown as extending into the second floor [illegible]. While usual construction practice would provide this extension, its omission is not significant structurally, since the second floor [illegible] has been designed to span between sidewalls, and the portion of the wall in question will easily span across the [illegible].

c. The purpose of the 17" premolded [illegible] filler under this wall is to prevent transmission of any great amount of vertical load from the footing into the wall.

d. The A-30" bars specified require [illegible] lengths varying from 17 diameters to 30 diameters, depending on the concrete and steel strengths whether or not there are top bars. The 30 diameter [illegible] conservative [illegible] because of the severe type of loading on the structure.

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TO:

FROM

1. Station 2300-Peter [illegible]

   e. Drawing [illegible] does not apply to Station 2300. However, the structural effect on conduit is negligible when the outside diameter does not exceed [illegible] of the thickness of the wall or slab in which it is embedded.

2. Limonite Concrete at Stations 1341, 1342 and 2300

   The original criteria as submitted to the users of Stations 1341 and 1342 indicated the limonite concrete projecting into the [illegible] operation. As the distance of projection was not [illegible], it was necessary to refer the [illegible] back to [illegible] for a minimum acceptable dimension. The [illegible] value was [illegible]". It would have been to [illegible] Naeveli's advantage from a structural standpoint. If the value had been [illegible] because the foundation design involved the types of concrete having different strengths. The final criteria for Station 2300 (and 2301) was that they were to be just like Station 1342. Subsequent criteria changes have made the differences that now exist.

David L. Narver, Jr.
Chief Project Engineer

DLNJr:[illegible]