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Pacific Southwest Region

[illegible] el

[illegible] Station 1342 - George - [illegible]

[illegible] to your memorandum of 7 September 1[illegible]

[illegible] the Electric Code in regard to the sizing [illegible] and 16 as shown on approved drawing [illegible]

[illegible] wires and six #12 wires have an area of [illegible] square inches. This is reduced to .[illegible] square [illegible] the #12 wires are TW insulated.

. The National Electric Code requires 2" conduit [illegible] conductors totalling .8724 square inches [illegible] 1" their area is .8038 square inches.

[illegible] is not the paramount consideration for [illegible] However, in this case, the requirement [illegible] wires in pulling, and for that reason [illegible] should be used, if available.

[illegible] instructions to the Electrical Superintendent to use 1" conduit are confirmed, provided TW insulated #12 wire is used. [illegible] memorandum, the Chief Project Engineer is being [illegible] on.

Resident Engineer

[illegible] COPY AVAILABLE

[illegible] L. Harvey, Jr.
[illegible] H. Obermiller
[illegible] Chronological
Central
[illegible] neer [illegible]

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW
SINGLE REVIEW AUTHORIZED BY AA Sinisgalli 7-23-94
REVIEWER (ADD)
NAME J.D. Lazer
DATE 7/29/94
DETERMINATION [illegible]