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Richland, Washington
March 27, 1952

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This is classified addenda to: Final draft for Program X
Descriptive Criteria -- Archi-
tectural and Structural

Issued: March 27, 1952

Storage Basin - Page 15, 2nd Paragraph

Storage of sufficient size to permit ninety-day decay of peak quantities of discharged fuel elements expected from operation at 2000 MW and 600 MWD/t concentration. In addition, dummy storage and extra buckets to handle the enriched fuel elements should be provided based on a total enrichment of 200 tubes of 4% alloy. Calculations of these quantities indicate that 1200 buckets will be adequate when loaded to 1500 pounds per bucket.

Metal Storage - Page 22, 1st Paragraph

A fuel element storage facility (900 square feet) will be provided immediately adjacent to the work area with loading dock access to the outside as well as the work area for the purpose of storing fuel elements. This facility will have a minimum of 12" reinforced concrete walls and roof and a 1000 pound per square foot floor loading. Access to the work area and loading dock will be capable of being locked. One entire charge of 455 tons of uranium plugs can be stored at one time by utilizing both metal and dummy storage rooms.

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