

Jim
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JUN 6 1975

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Docket Nos. 50-460
and 50-513

Regis R. Boyle, Cost Benefit Specialist, Cost-Benefit Analysis Branch,
Division of Technical Review
Thru: Donald J. Skovholt, Assistant Director for Quality Assurance and
Operations, Division of Reactor Licensing

file →

REQUEST FOR CAPITAL COST ESTIMATE FROM CONCEPT - WASHINGTON PUBLIC POWER
SUPPLY SYSTEM NOS 1 & 4

Attached is a written confirmation of my June 5, 1975 telephone request to
Mr. Howard Bowers at ORNL for CONCEPT capital cost estimates on Washington
Public Power Supply System Nos. 1 & 4. As usual, we need only the nuclear
plant estimates and not the estimates for fossil-fired alternatives. We
need the CONCEPT run by Monday, June 16, 1975.

Your assistance and cooperation as well as that of the ORNL staff is
appreciated.

Dick Cioni
Dick Cioni
Financial Analyst
Office of the Assistant Director for
Quality Assurance and Operations
Division of Reactor Licensing

Enclosure:

cc: L. Bennett, ORNL
H. Bowers, ORNL
T. Jackson
A. Meltz
M.B. Spangler

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DATE →	6/5/75	6/5/75	6/6/75		

REQUEST FOR CAPITAL COST ESTIMATE FROM CONCEPT - INPUT DATA

I. Required Information

1. Plant name - Washington Public Power Supply System Nos 1 & 4
2. Plant location - Richland, Washington
3. Type of plant - PWR
4. Type of heat discharge - Mechanical draft cooling towers
5. Unit size, net MW(e) - 1240, each unit
6. Number of units - 2
7. Month and year of NSSS purchase
 - Unit 1 December, 1972
 - Unit 2 July, 1974
 - Unit 3
 - Unit 4
8. Month and year of commercial operation
 - Unit 1 September, 1980
 - Unit 2 March, 1982
 - Unit 3
 - Unit 4
9. Interest during construction
 - a. Interest rate, percent/year - 7%
 - b. Simple or compound? - Simple
10. Length of construction workweek, hours - 40

II. Desirable Information

1. Cost of site land, dollars - \$0
2. Estimated site labor requirements, man hours/kW(e) Use Concept Code Data
3. Average site labor pay rate (including fringe benefits) - Use Concept Code
effective at month and year of NSSS purchase, \$/hour Data
4. Average escalation rates projected for site labor, percent/year - 8%
5. Average escalation rate projected for site materials (e.g., - 8%
structural steel, rebars, concrete, lumber), percent/year