

MAR 26 1976

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Docket Nos.: STN 50-500  
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Suzanne Koblusek, Cost-Benefit Specialist, Cost-Benefit Analysis Branch,  
Division of Site Safety and Environmental Analysis  
THRU: Donald J. Skovholt, Assistant Director for Quality Assurance and  
Operations, Division of Project Management

REQUEST FOR CAPITAL COST ESTIMATE FROM CONCEPT: WPPSS NUCLEAR PROJECT  
NOS. 3 AND 5

Enclosed is a confirmation of my telephone request to Howard Bowers  
of Oak Ridge National Laboratory on March 25, 1976 for CONCEPT capital  
cost estimates with respect to WPPSS Nos. 3 and 5.

*Original signed*

Jim C. Petersen, Financial Analyst  
Office of the Assistant Director for  
Quality Assurance and Operations  
Division of Project Management

Enclosure:  
As stated

cc: H. Bowers, ORNL  
L. Bennett, ORNL  
W. Spangler

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| OFFICE  | CO/FIN/PM     | QAQ/FIN/PM | ADCO/FIN  |  |  |
| SURNAME | JPetersen/mas | AMetz/ll   | DSkovholt |  |  |
| DATE    | 3/25/76       | 3/26/76    | 3/26/76   |  |  |

REQUEST FOR CAPITAL COST ESTIMATE FROM CONCEPT - INPUT DATA

I. Required Information

1. Plant name - WPPSS Nuclear Project Nos. 3 and 5
2. Plant location - Satsop, Washington
3. Type of plant - pressurized water reactor
4. Type of heat discharge - natural draft cooling towers
5. Unit size, net MW(e) - 1240 Mwe (each)
6. Number of units - 2
7. Month and year NSSF ordered  
Unit ~~XX~~ 3 - 6/73  
Unit ~~XX~~ 5 - 10/74  
~~XXXXXX~~  
~~XXXXXX~~
8. Month and year of commercial operation  
Unit ~~XX~~ 3 - 3/82  
Unit ~~XX~~ 5 - 9/83  
~~XXXXXX~~  
~~XXXXXX~~
9. Interest during construction
  - a. Interest rate, percent/year - 7.5%
  - b. Simple or compound? - simple
10. Length of construction workweek, hours - 40

II. Desirable Information

1. Cost of site land, dollars - \$3,500,000
2. Estimated site labor requirements, man hours/kW(e) - Unit 3 - 10.2  
(includes contingency) Unit 5 - 8.9
3. Average site labor pay rate (including fringe benefits) - Unit 3 - \$15.25  
in August 1975 \$/hour Unit 5 - \$16.00
4. Average escalation rates projected for site labor, percent/year  
8% compounded
5. Average escalation rate projected for site materials (e.g.,  
structural steel, rebars, concrete, lumber), percent/year  
6% compounded