# ANNUAL REPORT OF PUBLIC ELECTRIC UTILITIES

## IDENTIFICATION

| | |
|---|---|
| 01 Exact Legal Name of Respondent: Washington Public Power Supply System Nuclear Plant No. 2 | 02 Financial Reporting Year Ending *(Mo, Da, Yr)*: 6/30/87 |
| 03 Previous Name and Date of Change *(If name changed during year)*: NA | |
| 04 Address of Principal Business Office at End of Year *(Street, City, State, Zip Code)*: 3000 George Washington Way, P.O. Box 968, Richland, WA 99352 | |
| 05 Name of Contact Person: S.B. Gire | 06 Title of Contact Person: Manager, Corporate Accounting |
| 07 Address of Contact Person *(Street, City, State, Zip Code)*: P.O. Box 968, M.D. 065, Richland, WA 99352 | |
| 08 Telephone of Contact Person, Including Area Code: (509) 372-5480 | 09 This Report Is: (1) ☒ An Original (2) ☐ A Resubmission |
| | 10 Date of Report *(Mo, Da, Yr)*: 4/12/88 |

State the Classes of Utility and Other Services Furnished by Respondent During the Year

Wholesale electric energy production

## CERTIFICATION

The undersigned certifies that he/she has examined the accompanying report; that to the best of his/her knowledge, information, and belief, all statements of fact contained in the accompanying report are true, and the accompanying report is a correct statement of the business and affairs of the above named respondent in respect to each and every matter set forth therein during the calendar or other established fiscal year stated above.

| | | |
|---|---|---|
| 01 Name: S.B. Gire | 03 Signature: S.B. Gire | 04 Date Signed *(Mo, Da, Yr)*: 4/14/88 |
| 02 Title: Manager, Corporate Accounting | | |

**Title 18, U.S.C. 1001, makes it a crime for any person knowingly and willingly to make to any Agency or Department of the United States any false, fictitious or fraudulent statements as to any matter within its jurisdiction.**

CONCURRENCE:

C M Powers
C. M. Powers
WNP-2 Plant Manager

D L Larkin
D. L. Larkin, Manager
Engineering Analysis & Fuel

D J Kucera
G. J. Kucera
Operations Controller

This report is mandatory under Public Law 93-275. Failure to respond may result in criminal fines, civil penalties and other sanctions as provided by law. Data reported on EIA-412 are not considered confidential.

| Name of Respondent | This Report Is: | Date of Report | Report Year Ending |
|---|---|---|---|
| Washington Public Power Supply System Nuclear Project No. 2 | (1) ☒ An Original<br>(2) ☐ A Resubmission | (Mo, Da, Yr)<br>4/12/88 | (Mo, Da, Yr)<br>6/30/87 |

## PART I: BALANCE SHEET – END OF YEAR

Some of the accounts listed below are defined on page ii. Refer to the Uniform Systems of Accounts for those other accounts not defined on page ii.

| Line No. | Assets and Other Debits (a) | Amount (b) |
|---|---|---|
| 1 | UTILITY PLANT | |
| 2 | Utility Plant See Footnote-p.11 | 3,429,089,136 |
| 3 | (Less) Accumulated Provision for Depreciation & Amortization | |
| 4 | Electric | (327,401,319) |
| 5 | Other Utility Department (Specify:) | |
| 6 | Net Utility Plant (Line 2 less line 4, 5) | 3,101,687,817 |
| 7 | INVESTMENTS | |
| 8 | Nonutility Property (Less Accum. Provision for Depreciation and Amortization: S ) | |
| 9 | Advances to Municipality | |
| 10 | Investments & Special Funds | 144,925,548 |
| 11 | TOTAL Investments (Enter Total of lines 8 thru 10) | 144,925,548 |
| 12 | CURRENT AND ACCRUED ASSETS | |
| 13 | Cash & Working Funds | 1,033,896 |
| 14 | Temporary Cash Investments | 4,479,593 |
| 15 | Notes & Accounts Receivable (Less Accum. Provision for Uncollected Accounts: S | 34,702,157 |
| 16 | Receivables from Municipality | |
| 17 | Materials & Supplies | 18,591,599 |
| 18 | Prepayments | 1,851,658 |
| 19 | Misc. Current & Accrued Assets | |
| 20 | TOTAL Current & Accrued Assets (Enter Total of lines 13 thru 19) | 60,658,902 |
| 21 | DEFERRED DEBITS | |
| 22 | Unamortized Debt Expense | 3,168,838 |
| 23 | Extraordinary Property Losses | |
| 24 | Miscellaneous Deferred Debits | |
| 25 | Unamortized Loss on Reacquired Debt | |
| 26 | TOTAL Deferred Debits (Enter Total of lines 22 thru 25) | 3,168,838 |
| 27 | | |
| 28 | | |
| 29 | TOTAL ASSETS & OTHER DEBITS (Enter Total of lines 6, 11, 20, 26) | 3,310,441,105 |

| Line No. | Liabilities and Other Credits (a) | Amount (b) |
|---|---|---|
| 33 | INVESTMENT OF MUNICIPALITY & SURPLUS | |
| 34 | Investment of Municipality | S |
| 35 | Constructive Surplus or Deficit | |
| 36 | Retained Earnings | |
| 37 | TOTAL Investment & Surplus (Enter Total of lines 34 thru 36) | |
| 38 | LONG-TERM DEBT | |
| 39 | Bonds | 2,233,775,000 |
| 40 | Advances from Municipality | |
| 41 | Other Long-Term Debt | |
| 42 | Unamort. Premium on Long-Term Debt | 820,758 |
| 43 | Unamortized Discount on Long-Term Debt-Debit | (64,974,052) |
| 44 | TOTAL Long-Term Debt (Enter Total of lines 39 thru 43) | 2,169,621,706 |
| 45 | CURRENT AND ACCRUED LIABILITIES | |
| 46 | Warrants Payable | 2,142,497 |
| 47 | Notes and Accounts Payable | 53,208,510 |
| 48 | Payables to Municipality | |
| 49 | Customer Deposits | |
| 50 | Taxes Accrued | 623,084 |
| 51 | Interest Accrued | |
| 52 | Misc. Current & Accrued Liabilities | 29,246,149 |
| 53 | TOTAL Current & Accrued Liabilities (Enter Total of lines 46 thru 52) | 85,220,240 |
| 54 | DEFERRED CREDITS | |
| 55 | Customer Advances for Construction | |
| 56 | Other Deferred Credits | 1,055,599,159 |
| 57 | Unamortized Gain on Reacquired Debt | |
| 58 | TOTAL Deferred Credits (Enter Total of lines 55 thru 57) | 1,055,599,159 |
| 59 | OPERATING RESERVES | |
| 60 | Property Insurance Reserve | |
| 61 | Injuries and Damages Reserve | |
| 62 | Pensions and Benefits Reserve | |
| 63 | Miscellaneous Operating Reserves | |
| 64 | TOTAL Operating Reserves (Enter Total of lines 60 thru 63) | |
| 65 | TOTAL LIAB. & OTHER CREDITS (Enter Total of lines 37, 44, 53, 58, and 64) | 3,310,441,105 |

| Name of Respondent | This Report Is: | Date of Report | Report Year Ending |
|---|---|---|---|
| Washington Public Power Supply System Nuclear Plant No. 2 | (1) ☒ An Original<br>(2) ☐ A Resubmission | (Mo, Da, Yr)<br>4/12/88 | (Mo, Da, Yr)<br>6/30/87 |

## PART II: CONDENSED INCOME STATEMENT FOR THE YEAR

| Line No. | Item (a) | Amount (b) |
|---|---|---|
| 1 | Electric Utility Operating Income | |
| 2 | Operating Revenues | $ 432,270,435 |
| 3 | Operation Expenses See Footnote-p.11 | 105,489,971 |
| 4 | Maintenance Expenses | 21,857,162 |
| 5 | Depreciation and Amortization | 103,504,028 |
| 6 | Taxes and Tax Equivalents | 1,966,649 |
| 7 | Contributions and Services | |
| 8 | TOTAL Electric Operating Expenses *(Enter Total of lines 3 thru 7)* | 232,817,810 |
| 9 | Net Operating Income | 199,452,625 |
| 10 | Income from Plant Leased to Others | |
| 11 | Total Electric Utility Operating Income *(Enter Total of lines 9 thru 10)* | 199,452,625 |
| 12 | Other Utility Operating Income (Utility Departments Other than Electric) | |
| 13 | TOTAL Utility Operating Income *(Enter Total of lines 11 thru 12)* | 199,452,625 |
| 14 | Other Income *(Explain significant amounts in a footnote)* See Footnote-p.11 | 16,639,549 |
| 15 | Allowance for Funds Used During Construction | |
| 16 | Gross Income *(Enter Total of lines 13 thru 15)* | 216,092,174 |
| 17 | Income Deductions | |
| 18 | Interest on Long-Term Debt | 213,399,290 |
| 19 | Other Income Deductions *(See pg. 4) (Explain significant amounts in a footnote)* See Footnote-p.11 | 2,692,884 |
| 20 | TOTAL Income Deductions *(Enter Total of lines 18 and 19)* | 216,092,174 |
| 21 | Income Before Extraordinary Items *(Enter Total of line 16 less line 20)* | 0 |
| 22 | Extraordinary Income *(See definition (f), page ii)* | |
| 23 | Extraordinary Deductions *(See definition (f), page ii)* | |
| 24 | Net Income *(Enter Total of lines 21 plus line 22 less line 23)* See Footnote-p.11 | 0 |

## PART III: OPERATION AND MAINTENANCE EXPENSES

| Line No. | Item (a) | Operation (b) | Maintenance (c) | Total (d) |
|---|---|---|---|---|
| | Production Expenses | | | |
| 1 | Steam Power Generation | $ | $ | $ |
| 2 | Nuclear Power Generation | 76,132,349 | 19,860,322 | 95,992,671 |
| 3 | Hydraulic Power Generation | | | |
| 4 | Other Power Generation *(Specify:)* | | | |
| 5 | Purchased Power | | | |
| 6 | Other Production Expenses | 941,242 | | 941,242 |
| 7 | TOTAL Production Expenses | | | |
| 8 | Transmission Expenses | | | |
| 9 | Distribution Expenses | | | |
| 10 | Customer Accounts Expenses | | | |
| 11 | Sales Expenses | | | |
| 12 | Administrative & General Expenses | 28,416,380 | 1,996,840 | 30,413,220 |
| 13 | TOTAL ELECT. OPERATION & MAINT. EXPENSES | 105,489,971 | 21,857,162 | 127,347,133 |

| Name of Respondent | This Report Is: | Date of Report | Report Year Ending |
|---|---|---|---|
| Washington Public Power Supply System Nuclear Plant No. 2 | (1) ☒ An Original<br>(2) ☐ A Resubmission | (Mo, Da, Yr)<br>4/12/88 | (Mo, Da, Yr)<br>6/30/87 |

## PART IV: UTILITY PLANT

| Line No. | Item (a) | Balance Beginning of Year (b) | Additions During Year (c) | Retirements During Year (d) | Transfers and Adjustments (e) | Balance End of Year (f) |
|---|---|---|---|---|---|---|
| | Electric Utility Plant | | | | | |
| | Electric Plant in Service | | | | | |
| 1 | Intangible Plant | S | S | S | S | S |
| | Production Plant | | | | | |
| 2 | Steam Production | | | | | |
| 3 | Nuclear Production | 3,357,890,064 | 34,311,262 | (7,774,704) | (12,105,139) | 3,372,321,483 |
| 4 | Hydraulic Production | | | | | |
| 5 | Other Production *(Specify:)* | | | | | |
| 6 | TOTAL Production Plant | | | | | |
| 7 | Transmission Plant | | | | 4,923,092 | 4,923,092 |
| 8 | Distribution Plant | | | | | |
| 9 | General Plant | 20,447,324 | 9,314,881 | (404,925 | 22,487,281 | 51,844,561 |
| 10 | TOTAL Electric Plant in Service | 3,378,337,388 | 43,626,143 | (8,179,629 | 15,305,234 | 3,429,089,136 |
| 11 | Electric Plant Leased to Others | | | | | |
| 12 | Construction Work in Progress--Electric | 16,230,175 | | | | 0 |
| 13 | Electric Plant Held for Future Use | | | | | |
| 14 | Electric Plant Acquisition Adjustments *(See definition (e), page ii)* | | | | | |
| 15 | TOTAL Electric Plant | 3,394,567,563 | | | | 3,429,089,136 |
| 16 | Plant of Other Utility Depts. *(Specify:)* | | | | | |
| 17 | | | | | | |
| 18 | TOTAL Utility Plant | 3,394,567,563 | 43,626,143 | (8,179,629 | 15,305,234 | 3,429,089,136 |

## PART V: SALES OF ELECTRICITY FOR RESALE

1. Report below the information called for concerning sales during year to other electric utilities and cooperatives, and to cities or other public authorities for distribution to ultimate consumers.
2. For each sale, designate statistical classifications in column (b) as follows: FP, for firm power supplying total system requirements of customer or total requirements at a specific point of delivery; FP(P), for firm power supplementing customer's own generation or other purchases; O, for other power. Include in the O classification sales in which the power delivered cannot be classified under either of the above definitions.
3. For column (e), enter the quantities shown on the bills rendered.

| Line No. | Sales Made To *(Enter name)* (a) | Statistical Classification (b) | Point of Delivery (State, city, etc.) (c) | Amount of Voltage (d) | Number of Kilowatthours Sold (e) | Annual Maximum Demand *(Specify kW or kVa)* (f) | Revenues Amount (g) | Revenues Per kWh (In Cents) (h) |
|---|---|---|---|---|---|---|---|---|
| 1 | Bonneville Power Administration | FP(P) | Richland, WA | 540 kv | 5,519,482,000 | 1,090,000 kW | S 432,270,435 | 7.8 |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |

## PART VI: PURCHASED POWER

1. Report below the information called for concerning power purchased for resale during the year.
2. For column (d), enter the quantities shown on the bills rendered.
3. Report interchange transactions as net whether the net is a receipt or a delivery by respondent. Indicate such transactions with an asterisk.

| Line No. | Purchased From *(Enter name)* (a) | Point of Receipt (State, city, etc.) (b) | Amount of Voltage (c) | Number of Kilowatthours Purchased (d) | Annual Maximum Demand *(Specify kW or kVa)* (e) | Cost Amount (f) | Cost Per kWh (In Cents) (g) |
|---|---|---|---|---|---|---|---|
| 1 | NA | | | | | S | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |

| Name of Respondent | This Report Is: | Date of Report | Report Year Ending |
|---|---|---|---|
| Washington Public Power Supply System Nuclear Plant No. 2 | (1) ☒ An Original<br>(2) ☐ A Resubmission | (Mo, Da, Yr)<br>4/12/88 | (Mo, Da, Yr)<br>6/30/87 |

## PART VII: TAXES, TAX EQUIVALENTS, CONTRIBUTIONS, AND SERVICES DURING YEAR

1. Report below the information called for on contributions and services to the municipality or other government units by the electric utility and, conversely, by those bodies to the electric utility. Do not include: (a) loans and advances which are subject to repayment or which bear interest, (b) payments in retirement of loans or advances previously made, (c) contributions by the municipality of funds or property which are of the nature of investment in the electric utility department.

2. Enter in column (c) the total contributions made or received. Show in column (d) amounts included in column (c) which have been accounted for in the respondent's financial statements, i.e., balance sheet, income account, earned surplus, operating revenues, operating expenses, etc. Show in column (e) amounts which are not accounted for in respondent's financial statements. For those amounts not included in respondent's financial statements, explain in a footnote the reason for their omission.

3. Report below only taxes that are chargeable to operations of the electric utility department. Exclude gasoline and other sales taxes which are included in the cost of transportation and materials.

4. Report as tax equivalents only those amounts which are understood to constitute payments equivalent to or in lieu of amounts which would be paid if the electric utility department were subject to local tax levies.

5. For Other *(Specify)*, use a supplemental page if the lines provided are not sufficient.

| Line No. | Item<br>*(a)* | kWh (1,000's)<br>*(b)* | Amount of Contribution or Value of Service<br>Total<br>*(c)* | Included in Financial Statements<br>*(d)* | Not Included in Financial Statements<br>*(e)* |
|---|---|---|---|---|---|
| | By the Electric Utility to the Municipality or Other Government Units | | | | |
| 1 | Taxes | | $ 1,966,649 | $ 1,966,649 | $ |
| 2 | Tax Equivalents | | | | |
| 3 | Total *(Lines 1 & 2)* | | | | |
| 4 | To General Funds of the Municipality | | | | |
| 5 | Other *(Specify:)* | | | | |
| 6 | TOTAL Contributions *(Total of lines 4 thru 5)* | | 1,966,649 | 1,966,649 | |
| 7 | Street and Highway Lighting | | | | |
| 8 | Municipal Pumping | | | | |
| 9 | Other Municipal Light and Power | | | | |
| 10 | Other Electric Service | | | | |
| 11 | Nonelectric Service *(Specify:)* | | | | |
| 12 | | | | | |
| 13 | TOTAL Services *(Total of lines 7 thru 12)* | | | | |
| 14 | TOTAL Contributions and Services by the Electric Utility *(Total of lines 6 and 13)* | | 1,966,649 | 1,966,649 | |
| | By the Municipality or Other Government Units to the Electric Utility | | | | |
| 15 | For Operations and Property Maintenance | | | | |
| 16 | Other *(Specify:)* | | | | |
| 17 | | | | | |
| 18 | TOTAL Contributions *(Total of lines 15 thru 17)* | | | | |
| 19 | Office Space | | | | |
| 20 | Water | | | | |
| 21 | Engineering Service | | | | |
| 22 | Legal Service | | | | |
| 23 | Other Service *(Specify:)* | | | | |
| 24 | | | | | |
| 25 | TOTAL Services *(Total of lines 19 thru 24)* | | | | |
| 26 | TOTAL Contributions and Services by the Municipality *(Total of lines 18 and 25)* | | | | |
| 27 | Net Contributions and Services by the Electric Utility to the Municipality or Other Government Units *(Total of line 14 less line 26)* | | 1,966,649 | 1,966,649 | |

| Name of Respondent | This Report Is: | Date of Report | Report Year Ending |
|---|---|---|---|
| Washington Public Power Supply System Nuclear Plant No. 2 | (1) ☒ An Original<br>(2) ☐ A Resubmission -- | (Mo, Da, Yr)<br>4/12/88 | (Mo, Da, Yr)<br>6/30/87 |

## PART VIII: LARGE-ELECTRIC GENERATING PLANTS USING FUEL

1. Large plants are plants of 25,000 kW or more of installed capacity (name plate rating). Include gas-turbine and internal combustion plants of 10,000 kW and more on this page. Include also nuclear plants.
2. If any plant is equipped with combinations of steam, hydro, internal combustion or gas-turbine equipment, report each as a separate plant. However, if a gas-turbine unit functions in a combined cycle operation with a conventional steam unit, include the gas turbine with the steam plant.
3. Indicate with asterisks and footnotes if any plant is leased or operated as a joint facility.
4. If net peak demand for 60 minutes is not available, give that which is available, specifying period in a footnote.
5. If a group of employees attends more than one generating plant, report on line 10 the approximate average number of employees assignable to each plant.
6. If gas is used and purchased on a therm basis, give the Btu content of the gas and the quantity of fuel burned, converted to Mcf ft (14.73 psia at 60°F).
7. The figure entered on line 20 (Fuel) should be consistent with the

| Line No. | Item (a) | Plant Name: Nuclear Plant No. 2 (b) | Plant Name: NA (c) |
|---|---|---|---|
| 1 | Kind of Plant (Steam, Internal Comb., Gas Turb., or Nuclear) | Nuclear | |
| 2 | Year Originally Constructed | 1984 | |
| 3 | Year Last Unit Was Installed | 1984 | |
| 4 | TOTAL Inst. Capacity (Max. Gen. Name Plate Ratings in kW) | 1,200,000 | |
| 5 | Net Peak Demand on Plant (kW for 60 Minutes) | 1,090,000 | |
| 6 | Plant Hours Connected to Load | 6437.66 | |
| 7 | Net Continuous Plant Capability (kW) | | |
| 8 | When Not Limited by Condenser Water | 1,095,000 | |
| 9 | When Limited by Condenser Water | NA | |
| 10 | Average Number of Employees | 952 | |
| 11 | Net Generation, Exclusive of Plant Use | 5,519,482,000 | |
| 12 | Cost of Plant | | |
| 13 | Land and Land Rights | 200,643 | |
| 14 | Structures and Improvements | 1,116,302,898 | |
| 15 | Equipment Costs | 2,312,585,595 | |
| 16 | TOTAL Cost | 3,429,089,136 | |
| 17 | Cost per kW of Installed Capacity (Line 4) | 2.858 | |
| 18 | Production Expenses | | |
| 19 | Operation Supervision and Engineering | 15,095,638 | |
| 20 | Fuel | 28,886,488 | |
| 21 | Coolants and Water (Nuclear Plants Only) | 1,821,933 | |
| 22 | Steam Expenses | 11,248,044 | |
| 23 | Steam from Other Sources | | |
| 24 | Steam Transferred (Cr.) | | |
| 25 | Electric Expenses | 588,496 | |
| 26 | Misc. Steam Power Expenses (or Nuclear) | 18,491,751 | |
| 27 | Rents | | |
| 28 | Maintenance Supervision and Engineering | 3,818,202 | |
| 29 | Maintenance of Structures | 398,833 | |
| 30 | Maintenance of Boiler Plant (or Reactor Plant) | 5,554,327 | |
| 31 | Maintenance of Electric Plant | 5,265,473 | |
| 32 | Maintenance of Misc. Steam Plant (or Nuclear) | 4,823,486 | |
| 33 | TOTAL Production Expenses | 95,992,671 | |
| 34 | Expenses per Net kWh (Mills—2 Places) | 17.4 | |

| Line No. | Item (a) | Coal | Gas | Oil | Coal | Gas | Oil |
|---|---|---|---|---|---|---|---|
| 35 | Fuel: (Kind) | | | | | | |
| 36 | Unit: (Coal—Tons of 2,000 Lb.) (Oil—Barrels of 42 Gals.) (Gas—Mcf) (Nuclear-Indicate) | | Nuclear | | | | |
| 37 | Quantity (Units) of Fuel Burned | | | | | | |
| 38 | Average Heat Content of Fuel Burned (Btu per Lb. of Coal, per Gal. of Oil, or per Cu. Ft. of Gas) | | | | | | |
| 39 | Average Cost of Fuel per Unit, as Delivered F.O.B. Plant During Year | | | | | | |
| 40 | Average Cost of Fuel per Unit Burned | | | | | | |
| 41 | Average Cost of Fuel Burned per Million Btu | | 49.60 | | | | |
| 42 | Average Cost of Fuel Burned per kWh Net Generation | | 5.23 | | | | |
| 43 | Average Btu per kWh Net Generation | | 10,552 | | | | |

| Name of Respondent | This Report Is: | Date of Report | Report Year Ending |
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| Washington Public Power Supply System Nuclear Plant No. 2 | (1) ☒ An Original<br>(2) ☐ A Resubmission | (Mo, Da, Yr)<br>4/12/88 | (Mo, Da, Yr)<br>6/30/87 |

## PART VIII: LARGE-ELECTRIC GENERATING PLANTS USING FUEL (Continued)

...es entered on line 37 (Quantity of Fuel Burned), line 38 (Avg. Heat Con-...tent), line 40 (Avg. Cost of Fuel) and line 41 (Avg. Cost of Fuel Burned).

8. If more than one fuel is burned in a plant, furnish only the composite heat rate for all fuels burned.

9. The items under Cost of Plant, line 12, represent accounts or combinations of accounts prescribed by the Uniform System of Accounts. Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses classified as "Other Power Supply Expenses."

10. For I.C. and G.T. plants, report Operating Expenses (account nos. 548 and 549) on line 25 "Electric Expenses," and Maintenance (account nos. 553 and 554) on line 31 "Maintenance of Electric Plant." Indicate plants designed for peak load service. Designate with an asterisk automatically operated plants.

11. If the respondent operates a nuclear power generating plant, attach (a) a brief explanation accounting for the cost of power generated, including any attribution of excess costs to research and development expenses; (b) a brief explanation of the fuel accounting, specifying the accounting methods and types of cost units under with respect to the various components of the fuel cost; and (c) additional information as may be informative concerning the type of plant, kind of fuel used, and other physical and operating characteristics of the plant.

| Plant Name: NA (d) | Plant Name: NA (e) | Plant Name: NA (f) | Item (a) | Line No. |
|---|---|---|---|---|
| | | | Kind of Plant | 1 |
| | | | Year Constructed | 2 |
| | | | Year Last Unit | 3 |
| | | | TOTAL Installed Capacity | 4 |
| | | | Net Peak Demand | 5 |
| | | | Plant Hours | 6 |
| | | | Net Capability | 7 |
| | | | Not Limited | 8 |
| | | | Limited | 9 |
| | | | Employees | 10 |
| | | | Net Generation | 11 |
| | | | Cost of Plant | 12 |
| | | | Land | 13 |
| | | | Structures | 14 |
| | | | Equipment | 15 |
| | | | TOTAL | 16 |
| | | | Cost per kW | 17 |
| | | | Production Expenses | 18 |
| | | | Operation Supervision | 19 |
| | | | Fuel | 20 |
| | | | Coolants | 21 |
| | | | Steam Expenses | 22 |
| | | | Steam Other Sources | 23 |
| | | | Steam Transferred | 24 |
| | | | Electric Expenses | 25 |
| | | | Misc. Expenses | 26 |
| | | | Rents | 27 |
| | | | Maintenance Supervision | 28 |
| | | | Maint. of Structures | 29 |
| | | | Maint. of Boiler | 30 |
| | | | Maint. of Electric Plant | 31 |
| | | | Maint. of Misc. Steam | 32 |
| | | | TOTAL Production | 33 |
| | | | Expenses | 34 |
| Coal / Gas / Oil | Coal / Gas / Oil | Coal / Gas / Oil | Fuel: (Kind) | 35 |
| | | | Unit | 36 |
| | | | Quantity | 37 |
| | | | Avg. Heat Content | 38 |
| | | | Avg. Cost F.O.B. | 39 |
| | | | Avg. Cost Burned | 40 |
| | | | Avg. Cost Btu | 41 |
| | | | Avg. Cost kWh | 42 |
| | | | Avg. Btu per kWh | 43 |

| Name of Respondent | This Report Is: | Date of Report (Mo, Da, Yr) | Report Year Ending (Mo, Da, Yr) |
|---|---|---|---|
| Washington Public Power Supply System Nuclear Plant No. 2 | (1) ☒ An Original<br>(2) ☐ A Resubmission | 4/12/88 | 6/30/87 |

## PART IX: HYDROELECTRIC GENERATING PLANT STATISTICS (Large Plants)

1. Large plants are hydro plants of 10,000 kW or more of installed capacity (name plate ratings).
2. Indicate by an asterisk and explain in a footnote if any plant is leased, operated under a license from the Federal Energy Regulatory Commission, or operated as a joint facility. If a licensed project, give project number.
3. For line 5, if net peak demand for 60 minutes is not available, give that which is available, specifying period.
4. For line 10, if a group of employees attends more than one generating plant, report the approximate average number of employees assignable to each plant.

| Line No. | FERC Licensed Project No. and Plant Name: | FERC Licensed Project No. and Plant Name: | FERC Licensed Project No. and Plant Name: |
|---|---|---|---|
| | NA | NA | NA |
| 1 | Kind of Plant (Run-of-River or Storage) | | |
| 2 | Year Originally Constructed | | |
| 3 | Year Last Unit was Installed | | |
| 4 | TOTAL Installed Capacity (Generator Name Plate Ratings in kW) | | |
| 5 | Net Peak Demand on Plant (Kilowatts for 60 Minutes) | | |
| 6 | Plant Hours Connected to Load | | |
| 7 | Net Plant Capability (Kilowatts) | | |
| 8 | Under the Most Favorable Operating Conditions | | |
| 9 | Under the Most Adverse Operating Conditions | | |
| 10 | Average Number of Employees | | |
| 11 | Net Generation, Exclusive of Plant Use | | |
| 12 | Cost of Plant | | |
| 13 | Land and Land Rights | | |
| 14 | Structures and Improvements | | |
| 15 | Reservoirs, Dams, and Waterways | | |
| 16 | Equipment Costs | | |
| 17 | Roads, Railroads, and Bridges | | |
| 18 | TOTAL Cost *(Enter Total of lines 14 thru 17)* | | |
| 19 | Cost per kW of Installed Capacity *Line 18 ÷ line 4)* | | |
| 20 | Production Expenses | | |
| 21 | Operation Supervision and Engineering | | |
| 22 | Water for Power | | |
| 23 | Hydraulic Expenses | | |
| 24 | Electric Expenses | | |
| 25 | Misc. Hydraulic Power Generation Expenses | | |
| 26 | Rents | | |
| 27 | Maintenance Supervision and Engineering | | |
| 28 | Maintenance of Structures | | |
| 29 | Maintenance of Reservoirs, Dams, and Waterways | | |
| 30 | Maintenance of Electric Plant | | |
| 31 | Maintenance of Misc. Hydraulic Plant | | |
| 32 | TOTAL Production Expenses *(Total of lines 21 thru 31)* | | |
| 33 | Expenses per Net kWh (Mills—2 Places) | | |

| Name of Respondent | This Report Is: | Date of Report | Report Year Ending |
|---|---|---|---|
| Washington Public Power Supply System Nuclear Plant No. 2 | (1) ☒ An Original<br>(2) ☐ A Resubmission | (Mo, Da, Yr)<br>4/12/88 | (Mo, Da, Yr)<br>6/30/87 |

PART IX: HYDROELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)

5. The items under Cost of Plant represent accounts or combinations of accounts prescribed by the Uniform System of Accounts. Under Production Expenses, do not include Purchased Power, System Control, and Load Dispatching, or Other Expenses classified as "Other Power Supply Expenses."

6. If any plant is equipped with combinations of steam, hydro, internal combustion engine, or gas turbine equipment, report each as a separate plant.

| FERC Licensed Project No. and Plant Name: NA | FERC Licensed Project No. and Plant Name: NA | FERC Licensed Project No. and Plant Name: NA | FERC Licensed Project No. and Plant Name: NA | Line No. |
|---|---|---|---|---|
| | | | Kind of Plant | 1 |
| | | | Year Constructed | 2 |
| | | | Year Last Unit | 3 |
| | | | TOTAL Installed Capacity | 4 |
| | | | Net Peak Demand | 5 |
| | | | Plant Hours | 6 |
| | | | Net Capability | 7 |
| | | | Most Favorable | 8 |
| | | | Most Adverse | 9 |
| | | | Employees | 10 |
| | | | Net Generation | 11 |
| | | | Cost of Plant | 12 |
| | | | Land | 13 |
| | | | Structures | 14 |
| | | | Reservoirs, Etc. | 15 |
| | | | Equipment | 16 |
| | | | Roads, Etc. | 17 |
| | | | TOTAL | 18 |
| | | | Cost per kW | 19 |
| | | | Production Expenses | 20 |
| | | | Operation Supervision | 21 |
| | | | Water for Power | 22 |
| | | | Hydraulic Expenses | 23 |
| | | | Electric Expenses | 24 |
| | | | Misc. Expenses | 25 |
| | | | Rents | 26 |
| | | | Maintenance Supervision | 27 |
| | | | Maintenance Structures | 28 |
| | | | Maint. Reservoirs, Etc. | 29 |
| | | | Maint. Electric Plant | 30 |
| | | | Maint. Hydraulic Plant | 31 |
| | | | TOTAL | 32 |
| | | | Expenses per Net kWh | 33 |

| Name of Respondent | This Report Is: | Date of Report (Mo, Da, Yr) | Report Year Ending (Mo, Da, Yr) |
|---|---|---|---|
| Washington Public Power Supply System Nuclear Plant No. 2 | (1) ☒ An Original<br>(2) ☐ A Resubmission | 4/12/88 | 6/30/87 |

## PART X: TRANSMISSION LINE STATISTICS

1. Report below information requested concerning each transmission line. Show highest voltages first. If more space is required, use supplemental page using the column headings shown on this page.
2. Indicate in column (d) whether the type of supporting structure is: (1) single pole, wood, or steel; (2) H-frame, wood, or steel poles; (3) tower; or (4) underground construction.
3. Designate any transmission line or portion thereof for which the respondent is not the sole owner. If such property is leased from another, give name of lessor.
4. Designate in a footnote any transmission line leased to another and give name of lessee.
5. For column (c), if the voltage used is different from operating, report the difference in a footnote.

| Line No. | Designation (Name of Terminal Station) | | Operating Voltage | Type of Supporting Structure | LENGTH (Pole Miles) | | Size of Conductor and Material | Number of Circuits |
|---|---|---|---|---|---|---|---|---|
| | From (a) | To (b) | (c) | (d) | On Structures of Line Designated (e) | On Structures of Another Line (f) | (h) | (g) |
| 1 | NA | NA | | | | | | |
| 2 | | | | | | | | |
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| Name of Respondent | This Report Is: | Date of Report | Report Year Ending |
|---|---|---|---|
| Washington Public Power Supply System Nuclear Plant No. 2 | (1) ☒ An Original<br>(2) ☐ A Resubmission — | (Mo, Da, Yr)<br>4/12/88 | (Mo, Da, Yr)<br>6/30/87 |

PART XI: FOOTNOTE DATA

| Page Number (a) | Part Number (b) | Line Number (c) | Column Number (d) | Comments (e) |
|---|---|---|---|---|
| 2 | I | 6 | b | Plant & Equip. in Service 3,243,637,011<br>Less Accum. Depreciation (270,080,867)<br>2,973,556.144<br>Const. Work in Progress 7,268,265<br>Nuclear Fuel 157,139,729<br>Less Accum: Amortization (53,032,031)<br>104,107,698<br>General Plant Bldgs. & Equip. 21,044,131<br>Less Accum. Depreciation (4,288,421)<br>16,755,710<br>Net Utility Plant 3,101,687,817 |
| 3 | II | 3 | b | Operation Expenses include:<br>Operation 47,245,861<br>Fuel Burnup 23,387,320<br>Waste Disposal 5,499,168<br>Decommissioning 941,242<br>A&G 28,416,380<br>105,489,971 |
| 3 | II | 14 | b | Other Income includes:<br>Investment Income 16,681,006<br>Revaluation of Investments (41,457)<br>16,639,549 |
| 3 | II | 19 | b | Other Income Deductions include:<br>Amortization of Debt Discount & Expense 2,692,884 |
| 3 | II | 24 | b | The project has no equity and, therefore, no retained earnings. Out net-billing agreements with the project participants allow for complete recovery of project costs including debt service. The participants are billed for project costs based on a budgeted amount with an adjustment to actual each year. |
| Page 3, Part VIII | | III - Page 6, | | Benefits accrued reclassified from operation and maintenance categories to administrative and general. |
| 7 | VIII | 11 of the instructions | | (a) The cost of power is equal to total expenses divided by the net generation:<br>Total Expenses (Pg. 3, Line 2) $ 432,270,435<br>Net Generation (Pg. 6, Line 11) 5,519,482,000<br>Net Cost of Power 78.32 Mills/kw<br><br>(b) The Fuel Accounting System uses cost principles of the public utility industry as given under the Federal Energy Regulatory Commission (FERC) Chart of Uniform Accounts. This includes recording of the acquisition and manufacturing cost of fuel and the amortization of the capitalized fuel cost based on heat production. In addition to the amortization of fuel burnup, the current period nuclear fuel operating expense includes a charge for future spent nuclear fuel storage and disposal to be provided by the Department of Energy. This charge is based on a one mill per kilowatt hour of energy generated. |