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September 1, 1981

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Director, Office of Nuclear Reactor Regulation  
Attention: Mr. Frank Miraglia, Branch Chief  
Licensing Branch No. 3  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Gentlemen:

Subject: Docket Nos. 50-361 and 50-362  
San Onofre Nuclear Generating Station  
Units 2 and 3



Enclosed are six copies of both the Response to Financial Analysis Staff Question 1.a and the most recent Southern California Edison Annual Report to Stockholders (1980) to update the response to Question 5.a submitted by SCE letter to the NRC dated March 10, 1981. The Financial Analysis Staff questions were asked in the January 14, 1981 NRC letter from the Utility Finance Branch to the Division of Licensing, for the San Onofre Nuclear Generating Station, Units 2 and 3 Operating License Applications. Responses to all the other questions asked in the January 14, 1980 internal NRC letter were forwarded to the NRC by SCE letter dated March 10, 1981. Therefore, the enclosed information completes the responses to all Financial Analysis Staff questions and all the information necessary to close out Licensing Open Item No. 6 listed in the July 7, 1981 NRC letter to SCE has been provided.

If you have any questions or comments concerning the enclosed information, please contact me.

Very truly yours,

*K P Baskin*

Enclosures

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RESPONSE TO  
FINANCIAL QUALIFICATION QUESTION 1.a

SAN ONOFRE NUCLEAR GENERATING STATION

UNITS 2 and 3

DOCKET NOS. STN 50-361 and STN 50-362

SAN ONOFRE NUCLEAR GENERATING STATION, UNIT NOS. 2 AND 3

DOCKET NOS. STN 50-361 AND STN 50-362

REQUEST FOR ADDITIONAL FINANCIAL INFORMATION

Question

1. a. Indicate the estimated annual cost by year to operate each unit of the subject facility for the first five full years of each unit's commercial operation. The types of costs included in the estimates should be indicated and include (but not necessarily be limited to) operation and maintenance expense (with fuel costs shown separately), depreciation, taxes and a reasonable return on investment. (Enclosed is a form which should be used for each year of the five year period.) Indicate the projected plant capacity factor (in percent) for each unit during each of the above years. Provide separate estimates using 50 percent and 60 percent plant capacity factors.

Response

Introduction

A study is now underway to estimate projected plant capacity factors which, based on a preliminary study, are expected to be on the order of 60 percent. Therefore, for the purposes of the Financial Analysis Evaluation, the estimated costs provided herein for 60 percent plant capacities are also to be used for projected plant capacities.

Total Annual Cost of Operating San Onofre Nuclear Generating Station Unit  
No. 2 - Based on a 35 percent capacity factor for the first year - 50 percent  
for each year thereafter.

ATTACHMENT FOR ITEM NO. 1.a.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
FOR THE CALENDAR YEAR 1982  
6/1/82 - 12/31/82  
(thousands of dollars)Operation and maintenance expensesNuclear power generation

Nuclear fuel expense (plant factor <u>35 %</u> )	\$ 26586
Other operating expenses	21160
Maintenance expenses	6600
Total nuclear power generation	54346

Transmission expenses (Included in O&amp;M expense)

Administrative and general expenses

Property and liability insurance	2250
Other A.&G. expenses	2552
Total A.&G. expenses	4802
TOTAL O&M EXPENSES	59,148

Depreciation expense 39,161

Taxes other than income taxes

Property taxes	12,452
Other	969
Total taxes other than income taxes	13,421

Income taxes - Federal 18,122

Income taxes - other 6732

Deferred income taxes - net

Investment tax credit adjustments - net 1,915

Return (rate of return: ★ %) 124,229

TOTAL ANNUAL COST OF OPERATION

\$ 262,728

\* SCE 11.2 %  
SDG&E 11.36 %  
RIVERSIDE 9.50 %  
ANAHEIM 9.173 %

ATTACHMENT FOR ITEM NO. 1.a.ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
FOR THE CALENDAR YEAR 1983

(thousands of dollars)

Operation and maintenance expensesNuclear power generation

Nuclear fuel expense (plant factor <u>50</u> %)	\$ <u>53,635</u>
Other operating expenses	<u>28,250</u>
Maintenance expenses	<u>17,240</u>
Total nuclear power generation	<u>99,125</u>

Transmission expenses. *(Included in O&M expenses)*Administrative and general expenses

Property and liability insurance	<u>4154</u>
Other A.&G. expenses	<u>4922</u>
Total A.&G. expenses	<u>9076</u>

TOTAL O&M EXPENSES 108,201Depreciation expense 78,317Taxes other than income taxes

Property taxes	<u>22,990</u>
Other	<u>1,100</u>
Total taxes other than income taxes	<u>24,090</u>

Income taxes - Federal 32700Income taxes - other 12177Deferred income taxes - net -Investment tax credit adjustments - net. 3,827Return (rate of return: ~~8~~ %) 224,199

TOTAL ANNUAL COST OF OPERATION

\$ 483,511

* SCE	11.2 %
SDG&E	11.36 %
RIVERSIDE	9.50 %
ANAHEIM	9.173 %

ATTACHMENT FOR ITEM NO. 1.a.ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
FOR THE CALENDAR YEAR 1984

(thousands of dollars)

Operation and maintenance expensesNuclear power generation

Nuclear fuel expense (plant factor <u>50 %</u> ) . . . . .	\$ <u>42,416</u>
Other operating expenses . . . . .	<u>31,070</u>
Maintenance expenses . . . . .	<u>20,000</u>
Total nuclear power generation . . . . .	<u>93,486</u>

Transmission expenses (Included in O&M expenses) . . . . . -Administrative and general expenses

Property and liability insurance . . . . .	<u>4154</u>
Other A.&G. expenses . . . . .	<u>5546</u>
Total A.&G. expenses . . . . .	<u>9700</u>

TOTAL O&M EXPENSES . . . . . 103,186Depreciation expense . . . . . 78,407Taxes other than income taxes

Property taxes . . . . .	<u>18,979</u>
Other . . . . .	<u>1,377</u>
Total taxes other than income taxes . . . . .	<u>20,356</u>

Income taxes - Federal . . . . . 49,556Income taxes - other . . . . . 14,871Deferred income taxes - net . . . . . -Investment tax credit adjustments - net. . . . . 3827Return (rate of return: 8 %) . . . . . 218,256TOTAL ANNUAL COST OF OPERATION \$ 488,459

* SCE	11.2%
SDG&E	11.36%
RIVERSIDE	9.50%
ANAHEIM	9.173%

ATTACHMENT FOR ITEM NO. 1.a.ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
FOR THE CALENDAR YEAR 1985

(thousands of dollars)

Operation and maintenance expensesNuclear power generation

Nuclear fuel expense (plant factor 50 %) . . . . . \$ 49,608  
Other operating expenses . . . . . 35,790  
Maintenance expenses . . . . . 22,110  
Total nuclear power generation . . . . . 107,508

Transmission expenses (Included in O&M expenses) . . . . .           Administrative and general expenses

Property and liability insurance . . . . . 4,154  
Other A.&G. expenses . . . . . 6,190  
Total A.&G. expenses . . . . . 10,344  
TOTAL O&M EXPENSES . . . . . 117,852

Depreciation expense . . . . . 88,741Taxes other than income taxes

Property taxes . . . . . 18,979  
Other . . . . . 1,523  
Total taxes other than income taxes . . . . . 20,502

Income taxes - Federal . . . . . 66,446Income taxes - other . . . . . 18,349Deferred income taxes - net . . . . .           Investment tax credit adjustments - net. . . . . 3,827Return (rate of return: \* %) . . . . . 211,539

## TOTAL ANNUAL COST OF OPERATION

\$ 527,256

\* SCE 11.2 %  
SDG&E 11.36 %  
RIVERSIDE 9.50 %  
ANAHEIM 9.173 %



ATTACHMENT FOR ITEM NO. 1.a.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
FOR THE CALENDAR YEAR 1986

(thousands of dollars)

Operation and maintenance expenses

Nuclear power generation

Nuclear fuel expense (plant factor <u>50</u> %)	\$ <u>47,478</u>
Other operating expenses	<u>39,930</u>
Maintenance expenses	<u>24,650</u>
Total nuclear power generation	<u>112,058</u>

Transmission expenses (Included in O&M expenses)

Administrative and general expenses

Property and liability insurance	<u>4,154</u>
Other A.&G. expenses	<u>6,909</u>
Total A.&G. expenses	<u>11,063</u>

TOTAL O&M EXPENSES 123,121

Depreciation expense 88,741

Taxes other than income taxes

Property taxes	<u>22,990</u>
Other	<u>1,686</u>
Total taxes other than income taxes	<u>24,676</u>

Income taxes - Federal 76,118

Income taxes - other 19,988

Deferred income taxes - net -

Investment tax credit adjustments - net 3,827

Return (rate of return: \* %) 204,582

TOTAL ANNUAL COST OF OPERATION

\$ 641,053

\* SCE 11.2 %  
SDG&E 11.36 %  
RIVERSIDE 9.50 %  
ANAHEIM 9.173 %

ATTACHMENT FOR ITEM NO. 1.a.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
FOR THE CALENDAR YEAR 1987

(thousands of dollars)

Operation and maintenance expensesNuclear power generation

Nuclear fuel expense (plant factor 50 %) . . . . . \$ 55,525  
Other operating expenses . . . . . 44,570  
Maintenance expenses . . . . . 27,490  
Total nuclear power generation . . . . . 127,585

Transmission expenses. *(Included in O&M expenses)* . . . . . -Administrative and general expenses

Property and liability insurance . . . . . 4154  
Other A.&G. expenses . . . . . 7710  
Total A.&G. expenses . . . . . 11,864  
TOTAL O&M EXPENSES . . . . . 139,449

Depreciation expense . . . . . 96,047Taxes other than income taxes

Property taxes . . . . . 22,990  
Other . . . . . 1,866  
Total taxes other than income taxes . . . . . 24,856

Income taxes - Federal . . . . . 81371Income taxes - other . . . . . 20726Deferred income taxes - net . . . . . -Investment tax credit adjustments - net . . . . . 3,827Return (rate of return: 8 %) . . . . . 196,986

## TOTAL ANNUAL COST OF OPERATION

\$ 563,262

\* SCE 11.2 %  
SDGE 11.36 %  
RIVERSIDE 9.50 %  
ANAHEIM 9.173 %

ATTACHMENT FOR ITEM NO. 1.a.ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
FOR THE CALENDAR YEAR 1988

(thousands of dollars)

Operation and maintenance expensesNuclear power generationNuclear fuel expense (plant factor 50 %) . . . . . \$ 59,817Other operating expenses . . . . . 49,730Maintenance expenses . . . . . 30,651Total nuclear power generation . . . . . 140,198Transmission expenses (*Included in O&M expenses*) . . . . . -Administrative and general expensesProperty and liability insurance . . . . . 4154Other A.&G. expenses . . . . . 8604Total A.&G. expenses . . . . . 12,758TOTAL O&M EXPENSES . . . . . 152,956Depreciation expense . . . . . 96,056Taxes other than income taxesProperty taxes . . . . . 22,990Other . . . . . 2,069Total taxes other than income taxes . . . . . 25,059Income taxes - Federal . . . . . 81752Income taxes - other . . . . . 20448Deferred income taxes - net . . . . . -Investment tax credit adjustments - net . . . . . 3,827Return (rate of return: 8 %) . . . . . 189,116

## TOTAL ANNUAL COST OF OPERATION

\$ 569,214

SCE 11.27%

SDG&E 11.36%

RIVERSIDE 9.50%

ANAHEIM 9.173%

Total Annual Cost of Operating San Onofre Nuclear Generating Station Unit No. 2 - Based on a 35 percent capacity factor first year - 60 percent for each year thereafter.

ATTACHMENT FOR ITEM NO. 1.a.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
FOR THE CALENDAR YEAR 1982  
6/1/82 - 12/31/82  
(thousands of dollars)

Operation and maintenance expenses

Nuclear power generation

Nuclear fuel expense (plant factor <u>35 %</u> )	\$ 26,586
Other operating expenses	21,160
Maintenance expenses	6,600
Total nuclear power generation	54,346

Transmission expenses (Included in O&M expense)

Administrative and general expenses

Property and liability insurance	2,250
Other A.&G. expenses	2,552
Total A.&G. expenses	4,802

TOTAL O&M EXPENSES 59,148

Depreciation expense 39,161

Taxes other than income taxes

Property taxes	12,452
Other	969
Total taxes other than income taxes	13,421

Income taxes - Federal 18,122

Income taxes - other 6,732

Deferred income taxes - net

Investment tax credit adjustments - net 1,915

Return (rate of return: \* %) 124,229

TOTAL ANNUAL COST OF OPERATION \$ 262,728

\* SCE 11.2 %  
SDG&E 11.36 %  
RIVERSIDE 9.50 %  
ANAHEIM 9.173 %

## ATTACHMENT FOR ITEM NO. 1.a.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
FOR THE CALENDAR YEAR 1983

(thousands of dollars)

Operation and maintenance expensesNuclear power generation

Nuclear fuel expense (plant factor <u>60</u> %)	\$ 61,200
Other operating expenses	28,250
Maintenance expenses	17,240
Total nuclear power generation	106,690

Transmission expenses (Included in O&amp;M expenses)

Administrative and general expenses

Property and liability insurance	4,154
Other A.&G. expenses	4,922
Total A.&G. expenses	9,076

TOTAL O&amp;M EXPENSES 115,766

Depreciation expense 78,317

Taxes other than income taxes

Property taxes	..
Other	22,990
Total taxes other than income taxes	1,100
	24,090

Income taxes - Federal 32,700

Income taxes - other 12,177

Deferred income taxes - net -

Investment tax credit adjustments - net. 3,827

Return (rate of return: \* %) 224,199

## TOTAL ANNUAL COST OF OPERATION

\$ 491,076

* SCE	11.2 %
SDG&E	11.36 %
RIVERSIDE	9.50 %
ANAHEIM	9.173 %

ATTACHMENT FOR ITEM NO. 1.a.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
FOR THE CALENDAR YEAR 1984

(thousands of dollars)

Operation and maintenance expenses

Nuclear power generation

Nuclear fuel expense (plant factor <u>60</u> %)	\$ 51,236
Other operating expenses	31,070
Maintenance expenses	20,000
Total nuclear power generation	<u>102,306</u>

Transmission expenses. *(Included in O&M expenses)*

Administrative and general expenses

Property and liability insurance	4,154
Other A.&G. expenses	5,546
Total A.&G. expenses	<u>9,700</u>

TOTAL O&M EXPENSES 112,006

Depreciation expense 78,407

Taxes other than income taxes

Property taxes	22,990
Other	1,377
Total taxes other than income taxes	<u>24,367</u>

Income taxes - Federal 49,556

Income taxes - other 14,871

Deferred income taxes - net -

Investment tax credit adjustments - net. 3,827

Return (rate of return: \* %) 218,256

TOTAL ANNUAL COST OF OPERATION

\$ 501,290

\* SCE 11.2 %  
SDG&E 11.36 %  
RIVERSIDE 9.50 %  
ANAHEIM 9.173 %

ATTACHMENT FOR ITEM NO. 1.a.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
FOR THE CALENDAR YEAR 1985

(thousands of dollars)

Operation and maintenance expenses

Nuclear power generation

Nuclear fuel expense (plant factor 60 %) . . . . . \$ 53,224

Other operating expenses . . . . . 35,790

Maintenance expenses . . . . . 22,110

Total nuclear power generation . . . . . 111,124

Transmission expenses (Included in O&M expenses) . . . . . —

Administrative and general expenses

Property and liability insurance . . . . . 4,154

Other A.&G. expenses . . . . . 6,190

Total A.&G. expenses . . . . . 10,344

TOTAL O&M EXPENSES . . . . . 121,468

Depreciation expense . . . . . 88,741

Taxes other than income taxes

Property taxes . . . . . 22,990

Other . . . . . 1,523

Total taxes other than income taxes . . . . . 24,513

Income taxes - Federal . . . . . 66,446

Income taxes - other . . . . . 18,349

Deferred income taxes - net . . . . . —

Investment tax credit adjustments - net. . . . . 3,827

Return (rate of return: \* %) . . . . . 21,539

TOTAL ANNUAL COST OF OPERATION . . . . . \$ 534,883

\* SCE 11.2 %  
SDG&E 11.36 %  
RIVERSIDE 9.50 %  
ANAHEIM 9.173 %



ATTACHMENT FOR ITEM NO. 1.a.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
FOR THE CALENDAR YEAR 1986

(thousands of dollars)

Operation and maintenance expenses

Nuclear power generation

Nuclear fuel expense (plant factor <u>60</u> %)	\$ <u>65,474</u>
Other operating expenses	<u>39,930</u>
Maintenance expenses	<u>24,650</u>
Total nuclear power generation	<u>130,054</u>

Transmission expenses (Included in O&M expenses)

Administrative and general expenses

Property and liability insurance	<u>4,154</u>
Other A.&G. expenses	<u>6,909</u>
Total A.&G. expenses	<u>11,063</u>
TOTAL O&M EXPENSES	<u>141,117</u>

Depreciation expense	<u>85,741</u>
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Taxes other than income taxes

Property taxes	<u>22,990</u>
Other	<u>1,686</u>
Total taxes other than income taxes	<u>24,676</u>

Income taxes - Federal	<u>76,118</u>
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Income taxes - other	<u>19,988</u>
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Deferred income taxes - net	<u>-</u>
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Investment tax credit adjustments - net	<u>3,827</u>
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Return (rate of return: <u>★</u> %)	<u>204,582</u>
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TOTAL ANNUAL COST OF OPERATION	\$ <u>559,049</u>
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★ SCE 11.2 %  
SDG&E 11.36 %  
RIVERSIDE 9.50 %  
ANA 9.173 %

ATTACHMENT FOR ITEM NO. 1.a.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
FOR THE CALENDAR YEAR 1987

(thousands of dollars)

Operation and maintenance expenses

Nuclear power generation

Nuclear fuel expense (plant factor <u>60</u> %)	\$ <u>64,290</u>
Other operating expenses	<u>44,570</u>
Maintenance expenses	<u>27,490</u>
Total nuclear power generation	<u>136,350</u>

Transmission expenses. *(Included in O&M expenses)*

Administrative and general expenses

Property and liability insurance	<u>4,154</u>
Other A.&G. expenses	<u>7,710</u>
Total A.&G. expenses	<u>11,864</u>

TOTAL O&M EXPENSES 148,214

Depreciation expense 96,056

Taxes other than income taxes

Property taxes	<u>22,990</u>
Other	<u>1,866</u>
Total taxes other than income taxes	<u>24,856</u>

Income taxes - Federal 81,371

Income taxes - other 20,726

Deferred income taxes - net -

Investment tax credit adjustments - net. 3,827

Return (rate of return: 8 %) 196,986

TOTAL ANNUAL COST OF OPERATION

\$ 572,036

\* SCE 11.29%  
 SDG&E 11.36%  
 RIVERSIDE 9.50%  
 ANAHEIM 9.13%

ATTACHMENT FOR ITEM NO. 1.a.ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
FOR THE CALENDAR YEAR 1988

(thousands of dollars)

Operation and maintenance expensesNuclear power generation

Nuclear fuel expense (plant factor <u>60</u> %)	\$ <u>69,439</u>
Other operating expenses	<u>49,730</u>
Maintenance expenses	<u>30,651</u>
Total nuclear power generation	<u>149,820</u>

Transmission expenses (Included in O&M expenses)Administrative and general expenses

Property and liability insurance	<u>4,154</u>
Other A.&G. expenses	<u>8,604</u>
Total A.&G. expenses	<u>12,758</u>
TOTAL O&M EXPENSES	<u>162,578</u>

Depreciation expense 96,056Taxes other than income taxes

Property taxes	<u>22,990</u>
Other	<u>2,069</u>
Total taxes other than income taxes	<u>25,059</u>

Income taxes - Federal 33652Income taxes - other 68,548Deferred income taxes - net -Investment tax credit adjustments - net 3,827Return (rate of return: \* %) 189,116

## TOTAL ANNUAL COST OF OPERATION

\$ 578,836

\* SCE 11.27%  
SDG&E 11.36%  
RIVERSIDE 9.50%  
ANAHEIM 9.173%

Total Annual Cost of Operating San Onofre Nuclear Generating Station Unit  
No. 3 - Based on a 35 percent capacity factor for the first year - 50 percent  
for each year thereafter.

ATTACHMENT FOR ITEM NO. 1.a.

TOTAL  
PLANT

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 3  
FOR THE CALENDAR YEAR 1983  
7/1/83 - 12/31/83  
(thousands of dollars)

Operation and maintenance expenses

Nuclear power generation

Nuclear fuel expense (plant factor 35 %) . . . . . \$ 21852  
Other operating expenses . . . . . 15720  
Maintenance expenses . . . . . 19950  
Total nuclear power generation . . . . . 57522

Transmission expenses (Included in O&M expenses) . . . . . -

Administrative and general expenses

Property and liability insurance . . . . . 1240  
Other A.&G. expenses . . . . . 2461  
Total A.&G. expenses . . . . . 3701

TOTAL O&M EXPENSES . . . . . 61,223

Depreciation expense . . . . . 23,119

Taxes other than income taxes

Property taxes . . . . . 6858  
Other . . . . . 804  
Total taxes other than income taxes . . . . . 7662

Income taxes - Federal . . . . . 4135

Income taxes - other . . . . . 2371

Deferred income taxes - net . . . . . -

Investment tax credit adjustments - net . . . . . 1731

Return (rate of return: ★ %) . . . . . 70368

TOTAL ANNUAL COST OF OPERATION . . . . . \$ 170,609

★ SCE 11.2 %  
SDG&E 11.36 %  
RIVERSIDE 9.50 %  
ANAHEIM 9.173 %

ATTACHMENT FOR ITEM NO. 1.a.

TOTAL  
PLANT

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 3  
FOR THE CALENDAR YEAR 1984

(thousands of dollars)

Operation and maintenance expenses

Nuclear power generation

Nuclear fuel expense (plant factor <u>50</u> %)	\$ 51,131
Other operating expenses	33,029
Maintenance expenses	19,950
Total nuclear power generation	104,110

Transmission expenses (Included in O&M expenses) . . . . .

Administrative and general expenses

Property and liability insurance	2,705
Other A.&G. expenses	5,746
Total A.&G. expenses	8,451

TOTAL O&M EXPENSES . . . . . 112,621

Depreciation expense . . . . . 53,000

Taxes other than income taxes

Property taxes	149,644
Other	1,376
Total taxes other than income taxes	151,020

Income taxes - Federal . . . . . 18,629

Income taxes - other . . . . . 6,921

Deferred income taxes - net . . . . .

Investment tax credit adjustments - net . . . . . 2,868

Return (rate of return: \* %) . . . . . 146,370

TOTAL ANNUAL COST OF OPERATION \$ 356,749

\* SCE 11.25%  
SDG&E 11.36%  
RIVERSIDE 9.50 %  
ANAHEIM 9.173 %

IP ✓

ATTACHMENT FOR ITEM NO. 1.a.

TOTAL  
PLANT

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 3  
FOR THE CALENDAR YEAR 1985

(thousands of dollars)

Operation and maintenance expenses

Nuclear power generation

Nuclear fuel expense (plant factor <u>50 %</u> )	\$ 40473
Other operating expenses	35790
Maintenance expenses	22110
Total nuclear power generation	98373

Transmission expenses (Included in O&M expenses)

Administrative and general expenses

Property and liability insurance	2705
Other A.&G. expenses	6190
Total A.&G. expenses	8895

TOTAL O&M EXPENSES 107268

Depreciation expense 58248

Taxes other than income taxes

Property taxes	14964
Other	1521
Total taxes other than income taxes	16485

Income taxes - Federal 31274

Income taxes - other 9263

Deferred income taxes - net

Investment tax credit adjustments - net 2868

Return (rate of return: \* %) 141574

TOTAL ANNUAL COST OF OPERATION

\$ 366,980

\* SCE 11.20%  
SDG&E 11.36%  
RIVERSIDE 9.50%  
ANAHEIM 9.173%

ATTACHMENT FOR ITEM NO. 1.a.

TOTAL  
PLANT

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 3  
FOR THE CALENDAR YEAR 1986

(thousands of dollars)

Operation and maintenance expenses

Nuclear power generation

Nuclear fuel expense (plant factor <u>50</u> %)	\$ 51409
Other operating expenses	39930
Maintenance expenses	24650
Total nuclear power generation	115,989

Transmission expenses (Included in O&M expenses) . . . . .

Administrative and general expenses

Property and liability insurance	2705
Other A.&G. expenses	6909
Total A.&G. expenses	9614

TOTAL O&M EXPENSES . . . . . 125,603

Depreciation expense . . . . . 58,248

Taxes other than income taxes

Property taxes	14964
Other	1685
Total taxes other than income taxes	16649

Income taxes - Federal . . . . . 38,805

Income taxes - other . . . . . 10,546

Deferred income taxes - net . . . . .

Investment tax credit adjustments - net . . . . . 2,868

Return (rate of return: \* %) . . . . . 136,582

TOTAL ANNUAL COST OF OPERATION

\$ 389,301

\* SCE 11.27%  
SDG&E 11.36%  
RIVERSIDE 9.50 %  
ANAHEIM 9.173 %



ATTACHMENT FOR ITEM NO. 1.a.TOTAL  
PLANTESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 3  
FOR THE CALENDAR YEAR 1987

(thousands of dollars)

Operation and maintenance expensesNuclear power generation

Nuclear fuel expense (plant factor <u>50 %</u> )	\$ 49,371
Other operating expenses	44,570
Maintenance expenses	27,490
Total nuclear power generation	121,431

Transmission expenses *(Included in O&M expenses)*Administrative and general expenses

Property and liability insurance	2705
Other A.&G. expenses	7710
Total A.&G. expenses	10415

TOTAL O&amp;M EXPENSES 131,846

Depreciation expense 63,109

Taxes other than income taxes

Property taxes	14964
Other	11865
Total taxes other than income taxes	16829

Income taxes - Federal 48047

Income taxes - other 12281

Deferred income taxes - net

Investment tax credit adjustments - net 2,868

Return (rate of return: \* %) 131206

TOTAL ANNUAL COST OF OPERATION

\$ 406,186

\* SCE 11.29%

SDG&E 11.36%

RIVERSIDE 9.50%

ANAHEIM 9.173%

ATTACHMENT FOR ITEM NO. 1.a.

TOTAL  
PLANT

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 3  
FOR THE CALENDAR YEAR 1988

(thousands of dollars)

<u>Operation and maintenance expenses</u>	
<u>Nuclear power generation</u>	
Nuclear fuel expense (plant factor <u>50</u> %)	\$ <u>57,433</u>
Other operating expenses	<u>49,730</u>
Maintenance expenses	<u>30,651</u>
Total nuclear power generation	<u>137,814</u>
Transmission expenses (Included in O&M expenses)	<u>-</u>
<u>Administrative and general expenses</u>	
Property and liability insurance	<u>2705</u>
Other A.&G. expenses	<u>8604</u>
Total A.&G. expenses	<u>11,309</u>
TOTAL O&M EXPENSES	<u>149,123</u>
Depreciation expense	<u>63,109</u>
<u>Taxes other than income taxes</u>	
Property taxes	<u>14964</u>
Other	<u>2068</u>
Total taxes other than income taxes	<u>17032</u>
Income taxes - Federal	<u>52,920</u>
Income taxes - other	<u>13,098</u>
Deferred income taxes - net	<u>-</u>
Investment tax credit adjustments - net	<u>2,868</u>
Return (rate of return: <u>* %</u> )	<u>12,5629</u>
TOTAL ANNUAL COST OF OPERATION	\$ <u>423,779</u>

\* SCE 11.270  
SDG&E 11.36%  
RIVERSIDE 9.50 %  
ANAHEIM 9.173 %

Total Annual Cost of Operating San Onofre Nuclear Generating Station Unit No. 3 - Based on a 35 percent capacity factor first year - 60 percent for each year thereafter.

ATTACHMENT FOR ITEM NO. 1.a.

TOTAL  
PLANT

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 3  
FOR THE CALENDAR YEAR 1983  
7/1/83 - 12/31/83  
(thousands of dollars)

<u>Operation and maintenance expenses</u>	
<u>Nuclear power generation</u>	
Nuclear fuel expense (plant factor <u>35</u> %)	\$ <u>21852</u>
Other operating expenses	<u>15750</u>
Maintenance expenses	<u>6570</u>
Total nuclear power generation	<u>44142</u>
Transmission expenses (Included in O&M expenses)	<u>-</u>
<u>Administrative and general expenses</u>	
Property and liability insurance	<u>1240</u>
Other A.&G. expenses	<u>2461</u>
Total A.&G. expenses	<u>3701</u>
TOTAL O&M EXPENSES	<u>47893</u>
Depreciation expense	<u>23119</u>
<u>Taxes other than income taxes</u>	
Property taxes	<u>6858</u>
Other	<u>804</u>
Total taxes other than income taxes	<u>7662</u>
Income taxes - Federal	<u>4135</u>
Income taxes - other	<u>2371</u>
Deferred income taxes - net	<u>-</u>
Investment tax credit adjustments - net	<u>1731</u>
Return (rate of return: <u>X</u> %)	<u>70368</u>
TOTAL ANNUAL COST OF OPERATION	\$ <u>157279</u>

\* SCE 11.2 %  
SDG&E 11.36 %  
RIVERSIDE 9.50 %  
ANAHEIM 9.73 %

ATTACHMENT FOR ITEM NO. 1.a.

TOTAL  
PLANT

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 3  
FOR THE CALENDAR YEAR 1984

(thousands of dollars)

Operation and maintenance expenses

Nuclear power generation

Nuclear fuel expense (plant factor <u>60</u> %)	\$ 58348
Other operating expenses	33089
Maintenance expenses	19950
Total nuclear power generation	111387

Transmission expenses (Included in O&M expenses)

Administrative and general expenses

Property and liability insurance	2705
Other A.&G. expenses	5746
Total A.&G. expenses	8451

TOTAL O&M EXPENSES 119,838

Depreciation expense 53,000

Taxes other than income taxes

Property taxes	14964
Other	1376
Total taxes other than income taxes	16340

Income taxes - Federal 18,629

Income taxes - other 6921

Deferred income taxes - net -

Investment tax credit adjustments - net. 2868

Return (rate of return: \* %) 146370

TOTAL ANNUAL COST OF OPERATION \$ 363,966

* SCE	11.2 %
SDG&E	11.36 %
RIVERSIDE	9.50 %
ANAHEIM	9.173 %

IP ✓

ATTACHMENT FOR ITEM NO. 1.a.

TOTAL  
PLANT

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 3  
FOR THE CALENDAR YEAR 1985

(thousands of dollars)

Operation and maintenance expenses

Nuclear power generation

Nuclear fuel expense (plant factor <u>60</u> %)	\$ 48,446
Other operating expenses	35,790
Maintenance expenses	22,110
Total nuclear power generation	106,346

Transmission expenses (Included in O&M expenses)

Administrative and general expenses

Property and liability insurance	2,705
Other A.&G. expenses	6,190
Total A.&G. expenses	8,895

TOTAL O&M EXPENSES 115,241

Depreciation expense 58,248

Taxes other than income taxes

Property taxes	14,964
Other	1,321
Total taxes other than income taxes	16,485

Income taxes - Federal 31,274

Income taxes - other 9,263

Deferred income taxes - net -

Investment tax credit adjustments - net 2,868

Return (rate of return: \* %) 141,574

TOTAL ANNUAL COST OF OPERATION

\$ 374,953

* SCE	11.20%
SDG&E	11.36%
RIVERSIDE	9.50%
ANAHEIM	9.173%

ATTACHMENT FOR ITEM NO. 1.a.

TOTAL  
PLANT

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 3  
FOR THE CALENDAR YEAR 1986

(thousands of dollars)

<u>Operation and maintenance expenses</u>	
<u>Nuclear power generation</u>	
Nuclear fuel expense (plant factor <u>60</u> %)	\$ <u>55235</u>
Other operating expenses	<u>39930</u>
Maintenance expenses	<u>24650</u>
Total nuclear power generation	<u>119815</u>
Transmission expenses (Included in O&M expenses)	<u>-</u>
<u>Administrative and general expenses</u>	
Property and liability insurance	<u>2705</u>
Other A.&G. expenses	<u>6909</u>
Total A.&G. expenses	<u>9614</u>
TOTAL O&M EXPENSES	<u>129,429</u>
Depreciation expense	<u>58,248</u>
<u>Taxes other than income taxes</u>	
Property taxes	<u>14964</u>
Other	<u>1685</u>
Total taxes other than income taxes	<u>16649</u>
Income taxes - Federal	<u>38805</u>
Income taxes - other	<u>10546</u>
Deferred income taxes - net	<u>-</u>
Investment tax credit adjustments - net	<u>2,868</u>
Return (rate of return: <u>X</u> %)	<u>136,582</u>
TOTAL ANNUAL COST OF OPERATION	\$ <u>393,127</u>

\* SCE 11.2%  
SDG&E 11.36%  
RIVERSIDE 9.50%  
ANAHEIM 9.173%

18 ✓

ATTACHMENT FOR ITEM NO. 1.a.

TOTAL  
PLANT

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 3  
FOR THE CALENDAR YEAR 1987

(thousands of dollars)

Operation and maintenance expenses

Nuclear power generation

Nuclear fuel expense (plant factor <u>60 %</u> )	\$ 67915
Other operating expenses	44570
Maintenance expenses	27490
Total nuclear power generation	139975

Transmission expenses. *(Included in O&M expenses)* . . . . .

Administrative and general expenses

Property and liability insurance	2705
Other A.&G. expenses	7710
Total A.&G. expenses	10415

TOTAL O&M EXPENSES . . . . . 150,390

Depreciation expense . . . . . 63109

Taxes other than income taxes

Property taxes	14964
Other	1865
Total taxes other than income taxes	16829

Income taxes - Federal . . . . . 48,047

Income taxes - other . . . . . 12,281

Deferred income taxes - net . . . . .

Investment tax credit adjustments - net. . . . . 2868

Return (rate of return: \* %) . . . . . 131206

TOTAL ANNUAL COST OF OPERATION \$ 424,730

\* SCE 11.29%  
SDG&E 11.36%  
RIVERSIDE 9.50%  
ANAHEIM 9.173%

18 ✓



ATTACHMENT FOR ITEM NO. 1.a.

TOTAL  
PLANT

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 3  
FOR THE CALENDAR YEAR 1988

(thousands of dollars)

Operation and maintenance expenses

Nuclear power generation

Nuclear fuel expense (plant factor <u>60</u> %)	\$ 65549
Other operating expenses	49730
Maintenance expenses	30651
Total nuclear power generation	145,930

Transmission expenses (Included in O&M expenses)

Administrative and general expenses

Property and liability insurance	2705
Other A.&G. expenses	8604
Total A.&G. expenses	11,309

TOTAL O&M EXPENSES 157,239

Depreciation expense 63,109

Taxes other than income taxes

Property taxes	14964
Other	2068
Total taxes other than income taxes	17032

Income taxes - Federal 52920

Income taxes - other 13098

Deferred income taxes - net

Investment tax credit adjustments - net. 2868

Return (rate of return: \* %) 125629

TOTAL ANNUAL COST OF OPERATION

\$ 431,895

\* SCE 11.20%  
SDG&E 11.36%  
RIVERSIDE 9.50%  
ANAHEIM 9.17%

IPV

Total Annual Cost of Operating San Onofre Nuclear Generating Station Unit No. 2, by participant - Based on a 35 percent capacity factor for the first year - 50 percent for each year thereafter.

50% Capacity  
Factor

ATTACHMENT FOR ITEM NO. 1.a.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
FOR THE CALENDAR YEAR 1982  
6/1/82 - 12/31/82  
(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor 35%)	\$ 20352	\$ 5317	\$ 441	\$ 476	\$ 26586
Other operating expenses	16198	4232	351	379	21160
Maintenance expenses	5052	1320	110	118	6600
Total nuclear power generation	41602	10869	902	973	54346
Transmission expenses. (Included in O&M expenses)	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance	1722	462	32	34	2250
Other A.&G. expenses	1954	510	42	46	2552
Total A.&G. expenses	3676	972	74	80	4802
<b>TOTAL O&amp;M EXPENSES</b>	45,278	11841	976	1053	59148
Depreciation expense (Decommissioning) (Other than Decom)	1583	414	34	37	2068
<b>Taxes other than income taxes</b>	28393	7418	616	666	37093
Property taxes	9818	2634	—	—	12452
Other	742	194	16	17	969
Total taxes other than income taxes	10560	2828	16	17	13421
Income taxes - Federal	13788	4334	—	—	18122
Income taxes - other	5304	1428	—	—	6732
Deferred income taxes - net	—	—	—	—	—
Investment tax credit adjustments - net	1518	397	—	—	1915
Return (rate of return * %)	95331	25889	1422	1587	124229
<b>TOTAL ANNUAL COST OF OPERATION</b>	\$ 201755	\$ 54,549	\$ 3064	\$ 3360	\$ 262,728

\* SCE 11.2% Riverside 9.50%  
SDG&E 11.36% Anaheim 9.173%

## ATTACHMENT FOR ITEM NO. 1.e.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
FOR THE CALENDAR YEAR 1983

(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor <u>50</u> %)	\$ 41058	\$ 10727	\$ 890	\$ 960	\$ 53635
Other operating expenses	21625	5630	469	306	28250
Maintenance expenses	13197	3448	286	209	17240
Total nuclear power generation	75880	19805	1645	1775	99135
Transmission expenses. <i>(included in O&amp;M expenses)</i>	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance	3180	853	58	63	4154
Other A.&G. expenses	3768	984	82	88	4922
Total A.&G. expenses	6948	1837	140	151	9076
TOTAL O&M EXPENSES	82828	21662	1785	1926	108201
Depreciation expense <i>(decommissioning)</i> <i>(other than Decom)</i>	3166	827	69	74	4136
Taxes other than income taxes	56786	14836	1231	1328	74181
Property taxes	18126	4864	—	—	22990
Other	842	220	18	20	1100
Total taxes other than income taxes	18968	5084	18	20	24090
Income taxes - Federal	24807	7893	—	—	32700
Income taxes - other	9577	2600	—	—	12177
Deferred income taxes - net	—	—	—	—	—
Investment tax credit adjustments - net	3034	793	—	—	3827
Return (rate of return <del>5</del> %) <i>11.2</i> %	171994	46852	2530	2823	224199
TOTAL ANNUAL COST OF OPERATION	\$ 371160	\$ 100547	\$ 5633	\$ 6071	\$ 483511

\* SCE 11.2 % Riverside 9.50 %  
SD&E 11.36 % Anaheim 9.173 %

## ATTACHMENT FOR ITEM NO. 1.a.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
FOR THE CALENDAR YEAR 1984

(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor <u>50</u> %)	\$ 32470	\$ 8493	\$ 704	\$ 759	\$ 42416
Other operating expenses	23784	6214	576	556	31070
Maintenance expenses	15310	4000	332	358	20000
Total nuclear power generation	71564	18697	1552	1673	93486
Transmission expenses. (included in O & M expenses)	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance	3180	853	58	63	4154
Other A.G. expenses	4246	1109	92	99	5546
Total A.G. expenses	7426	1962	150	162	9700
<b>TOTAL O&amp;M EXPENSES</b>	78990	20,659	1702	1835	103,186
Depreciation expense (Decommissioning) (other than Decom)	3166	827	69	74	4136
	56876	14,836	1231	1328	74271
<b>Taxes other than income taxes</b>					
Property taxes	18126	853	—	—	18979
Other	1054	275	23	25	1377
Total taxes other than income taxes	19180	1128	23	25	20356
Income taxes - Federal	38747	10809	—	—	49,556
Income taxes - other	11768	3103	—	—	14871
Deferred income taxes - net	—	—	—	—	—
Investment tax credit adjustments - net	3034	793	—	—	3827
Return (rate of return <u>X</u> %) <u>X</u>	167530	45669	2390	21667	218,256
<b>TOTAL ANNUAL COST OF OPERATION</b>	\$ 379291	\$ 97,824	\$ 5415	\$ 5929	\$ 488,459

\* SCE 11.2 % Riverside 9.50 %  
SDGE 11.36 % Anaheim 9.173 %

## ATTACHMENT FOR ITEM NO. 1.a.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
FOR THE CALENDAR YEAR 1985

(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor <u>50</u> %) . . . . .	\$ 37975	\$ 9922	\$ 823	\$ 888	\$ 49608
Other operating expenses . . . . .	27397	7158	594	641	35790
Maintenance expenses . . . . .	16925	4422	367	396	22110
Total nuclear power generation . . . . .	82297	21502	1784	1925	107508
Transmission expenses (included in O & M expenses) . . . . .	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance . . . . .	3180	853	58	63	4154
Other A.G. expenses . . . . .	4738	1238	143	141	6190
Total A.G. expenses . . . . .	7918	2091	161	194	10344
<b>TOTAL O&amp;M EXPENSES</b> . . . . .	90215	23593	1945	2099	117852
Depreciation expense (Depreciating) . . . . .	3844	1004	83	90	5021
(other than Decon) . . . . .	64087	16744	1390	1499	83720
<b>Taxes other than income taxes</b>					
Property taxes . . . . .	18126	853	—	—	18979
Other . . . . .	7166	305	25	27	7523
Total taxes other than income taxes . . . . .	19292	1158	25	27	20502
Income taxes - Federal . . . . .	51595	14851	—	—	66446
Income taxes - other . . . . .	14468	3881	—	—	18349
Deferred income taxes - net . . . . .	—	—	—	—	—
Investment tax credit adjustments - net . . . . .	3034	793	—	—	3827
Return (rate of return <u>*</u> %) . . . . .	162470	44328	2241	2500	211539
<b>TOTAL ANNUAL COST OF OPERATION</b>	\$ 409005	\$ 106352	\$ 5684	\$ 16215	\$ 527256

\* SCE 11.27% Riverside 9.50%  
SD&E 11.36% Anaheim 9.173%

## ATTACHMENT FOR ITEM NO. 1.a.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
FOR THE CALENDAR YEAR 1986

(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor <u>50</u> %) . . . . .	\$ 36344	\$ 9496	\$ 788	\$ 850	\$ 47,478
Other operating expenses . . . . .	30566	7986	663	715	39,930
Maintenance expenses . . . . .	18870	4930	409	441	24,650
Total nuclear power generation . . . . .	85,780	22,412	1860	2006	112,058
Transmission expenses <i>(included in O&amp;M expenses)</i> . . . . .	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance . . . . .	3180	853	58	63	4154
Other A.&G. expenses . . . . .	5288	1382	115	124	6909
Total A.&G. expenses . . . . .	8468	2235	173	187	11063
<b>TOTAL O&amp;M EXPENSES</b> . . . . .	94,248	24,647	2033	2193	123,121
Depreciation expense <i>(perpetual depreciation)</i> . . . . .	3844	1004	83	90	5021
<i>(other than Decon)</i>	64087	16744	1390	1499	83720
<b>Taxes other than income taxes</b>					
Property taxes . . . . .	18126	4864	—	—	22990
Other . . . . .	1291	337	28	30	1686
Total taxes other than income taxes . . . . .	19417	5201	28	30	24676
Income taxes - Federal . . . . .	59284	16834	—	—	76118
Income taxes - other . . . . .	15767	4221	—	—	19988
Deferred income taxes - net . . . . .	—	—	—	—	—
Investment tax credit adjustments - net . . . . .	3034	793	—	—	3827
Return (rate of return <u>8</u> %) . . . . .	157246	42934	2081	2321	204582
<b>TOTAL ANNUAL COST OF OPERATION</b>	\$ 416927	\$ 112378	\$ 5615	\$ 6133	\$ 541,053

\* SCE 11.20% Riverside 9.50%  
SD&GE 11.36% Anaheim 9.173%

## ATTACHMENT FOR ITEM NO. 1.e.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
FOR THE CALENDAR YEAR 1987

(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor <u>50</u> %) . . . . .	\$ 42,504	\$ 11,105	\$ 922	\$ 994	\$ 55,525
Other operating expenses . . . . .	34,712	8,914	740	798	44,570
Maintenance expenses . . . . .	210,444	54,988	456	492	274,980
Total nuclear power generation . . . . .	97,660	25,517	2,118	2,284	127,585
Transmission expenses. <i>(included in O&amp;M expenses)</i>	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance . . . . .	3,180	853	58	63	4,154
Other A.&G. expenses . . . . .	5,902	15,422	128	138	7,710
Total A.&G. expenses . . . . .	9,082	23,955	186	201	11,864
<b>TOTAL O&amp;M EXPENSES</b> . . . . .	106,748	27,912	2,304	2,485	139,449
Depreciation expense <i>(per commissioning)</i> . . . . .	4,551	11,899	90	106	5,936
<i>(other than Decon)</i>	68,980	18,022	14,966	16,133	90,111
<b>Taxes other than income taxes</b>					
Property taxes . . . . .	18,126	48,664	—	—	22,990
Other . . . . .	14,279	3,733	31	33	18,666
Total taxes other than income taxes . . . . .	19,555	52,377	31	33	24,856
Income taxes - Federal . . . . .	16,303	18,334	—	—	81,371
Income taxes - other . . . . .	16,254	4,472	—	—	20,726
Deferred income taxes - net . . . . .	—	—	—	—	—
Investment tax credit adjustments - net . . . . .	3,034	793	—	—	3,827
Return (rate of return <u>*</u> %) . . . . .	151,524	41,418	1,912	2,132	196,986
<b>TOTAL ANNUAL COST OF OPERATION</b>	\$ 433,683	\$ 117,377	\$ 5,833	\$ 6,369	\$ 563,262

\* SCE 11.29%  
SD&FE 11.36%

Riverside 9.50%  
Anaheim 9.173%



## ATTACHMENT FOR ITEM NO. 1.e.

## ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING

UNIT: San Onofre Nuclear Generating Station, Unit No. 2

FOR THE CALENDAR YEAR 1988

(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor <u>50</u> %) . . . . .	\$ 45790	\$ 11963	\$ 993	\$ 1071	\$ 59817
Other operating expenses . . . . .	38068	9946	826	890	49730
Maintenance expenses . . . . .	23463	6130	509	549	30651
Total nuclear power generation . . . . .	107321	28039	2328	2510	140198
Transmission expenses (included in O & M expenses) . . . . .	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance . . . . .	3180	853	58	63	4154
Other A.G. expenses . . . . .	6586	1721	143	154	8604
Total A.G. expenses . . . . .	9766	2574	201	217	12758
<b>TOTAL O&amp;M EXPENSES</b> . . . . .	117087	30613	2529	2727	152956
Depreciation expense (Depreciating) . . . . .	4551	1189	99	106	5945
(Other than Depreciating) . . . . .	68980	18022	1496	1613	90111
<b>Taxes other than income taxes</b>					
Property taxes . . . . .	18126	4864	—	—	22990
Other . . . . .	1524	414	34	37	2069
Total taxes other than income taxes . . . . .	19710	5278	34	37	25059
Income taxes - Federal . . . . .	64355	17397	—	—	81752
Income taxes - other . . . . .	110255	4193	—	—	20448
Deferred income taxes - net . . . . .	—	—	—	—	—
Investment tax credit adjustments - net . . . . .	3034	793	—	—	3827
Return (rate of return <u>X</u> %) . . . . .	145594	39856	1733	1933	189116
<b>TOTAL ANNUAL COST OF OPERATION</b>	\$ 439566	\$ 117341	\$ 5891	\$ 6416	\$ 569814

\* SCE 11.20%  
SDG&E 11.36%

Riverside 9.50%  
Anaheim 9.13%

513 x 30 x 2 units = 30  
pages

Total Annual Cost of Operating San Onofre Nuclear Generating Station Unit No. 2, by participant - Based on a 35 percent capacity factor for the first year - 60 percent for each year thereafter.

6090

## ATTACHMENT FOR ITEM NO. 1.a.

## ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING

UNIT: San Onofre Nuclear Generating Station, Unit No. 2

FOR THE CALENDAR YEAR 1982

7/1/82 - 12/31/82  
(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anahelm	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor 35 %) . . . . .	\$ 20352	\$ 5317	\$ 441	\$ 476	\$ 26586
Other operating expenses . . . . .	16198	4232	351	329	21110
Maintenance expenses . . . . .	5052	1320	110	112	6600
Total nuclear power generation . . . . .	41602	10869	902	917	54390
Transmission expenses. (included in O & M expenses).	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance . . . . .	1722	462	32	34	2250
Other A.G.G. expenses . . . . .	1954	510	42	46	2552
Total A.G.G. expenses . . . . .	3676	972	74	80	4802
<b>TOTAL O&amp;M EXPENSES</b> . . . . .	45278	11841	976	1053	59148
Depreciation expense (precommissioning). . . . .	1583	414	34	37	2068
(other than Decon)	28393	7418	616	666	37093
<b>Taxes other than income taxes</b>					
Property taxes . . . . .	9818	2634	—	—	12452
Other. . . . .	742	194	16	17	969
Total taxes other than income taxes. . . . .	10560	2828	16	17	13421
Income taxes - Federal . . . . .	13788	4334	—	—	18122
Income taxes - other . . . . .	5304	1428	—	—	6732
Deferred income taxes - net. . . . .	—	—	—	—	—
Investment tax credit adjustments - net. . . . .	1518	397	—	—	1915
Return (rate of return _____%) SCE 11.2% SDG&E 11.36% . . . . .	95331	25889	1422	1587	124,229
<b>TOTAL ANNUAL COST OF OPERATION</b>	\$ 201755	\$ 54,549	\$ 3064	\$ 3360	\$ 262,728

Riverside 9.50 %  
Anahelm 9.173 %

## ATTACHMENT FOR ITEM NO. 1.a.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
FOR THE CALENDAR YEAR 1983

(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anahelm	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor <u>60</u> %) . . . . .	\$ 46849	\$ 12240	\$ 1016	\$ 1095	\$ 61200
Other operating expenses . . . . .	21625	5650	469	506	28250
Maintenance expenses . . . . .	13197	3448	286	309	17240
Total nuclear power generation . . . . .	81671	21338	1771	1910	106690
Transmission expenses (included in O&M expenses) . . . . .	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance . . . . .	3180	853	58	63	4154
Other A.&G. expenses . . . . .	3768	784	82	88	4922
Total A.&G. expenses . . . . .	6948	1837	140	151	9076
TOTAL O&M EXPENSES . . . . .	88619	23175	1911	2061	115766
Depreciation expense (Depreciating) . . . . .	3166	827	69	74	4136
(other than Decon) . . . . .	56786	14836	1231	1328	74181
<b>Taxes other than income taxes</b>					
Property taxes . . . . .	18126	4864	—	—	22990
Other . . . . .	842	220	18	20	1100
Total taxes other than income taxes . . . . .	18968	5084	18	20	24090
Income taxes - Federal . . . . .	24807	7893	—	—	32700
Income taxes - other . . . . .	9577	2600	—	—	12177
Deferred income taxes - net . . . . .	—	—	—	—	—
Investment tax credit adjustments - net . . . . .	3034	793	—	—	3827
Return (rate of return <u>11.2</u> %) . . . . .	171994	46352	2530	2823	224199
TOTAL ANNUAL COST OF OPERATION	\$ 376951	\$ 102,060	\$ 5,759	\$ 6306	\$ 491,076

\* SCE 11.2%      Riverside 9.50%  
SDG+E 11.36%      Anaheim 9.173%

## ATTACHMENT FOR ITEM NO. 1.a.

## ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING

UNIT: San Onofre Nuclear Generating Station, Unit No. 2

FOR THE CALENDAR YEAR 1984

(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor <u>60</u> %) . . . . .	\$ 39221	\$ 10247	\$ 851	\$ 917	\$ 51236
Other operating expenses . . . . .	23787	6214	516	556	31070
Maintenance expenses . . . . .	15310	4000	332	358	20000
Total nuclear power generation . . . . .	78315	20461	1699	1831	102306
Transmission expenses. (included in O&M expenses) . . . . .	-	-	-	-	-
<b>Administrative and general expenses</b>					
Property and liability insurance . . . . .	3180	853	58	63	4154
Other A.G.G. expenses . . . . .	4326	1109	92	99	5546
Total A.G.G. expenses . . . . .	7426	1962	150	162	9700
<b>TOTAL O&amp;M EXPENSES</b> . . . . .	85741	22423	1849	1993	112006
Depreciation expense (Depreciating) (other than Decon) . . . . .	3166	827	67	74	4136
<b>Taxes other than income taxes</b>	56876	14836	1231	1328	74271
Property taxes . . . . .	18126	4864	-	-	22990
Other . . . . .	1054	275	23	25	1377
Total taxes other than income taxes . . . . .	19180	5139	23	25	24367
Income taxes - Federal . . . . .	38747	10809	-	-	49556
Income taxes - other . . . . .	11768	3103	-	-	14871
Deferred income taxes - net. . . . .	-	-	-	-	-
Investment tax credit adjustments - net. . . . .	3034	793	-	-	3827
Return (rate of return <u>*</u> %) . . . . .	167530	45669	2390	2667	218256
<b>TOTAL ANNUAL COST OF OPERATION</b>	\$ 386042	\$ 103599	\$ 5562	\$ 6087	\$ 501290

\* SCE 11.2% Riverside 9.50%  
SDG&E 11.36% Anaheim 9.173%

## ATTACHMENT FOR ITEM NO. 1.a.

## ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING

UNIT: San Onofre Nuclear Generating Station, Unit No. 2

FOR THE CALENDAR YEAR 1985

(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor <u>60</u> %) . . . . .	\$ 40742	\$ 10645	\$ 884	\$ 953	\$ 53224
Other operating expenses . . . . .	27397	7158	594	641	35790
Maintenance expenses . . . . .	16925	4422	367	396	22110
Total nuclear power generation . . . . .	85064	22225	1845	1990	111124
Transmission expenses (included in O & M expenses) . . . . .	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance . . . . .	3180	853	58	63	4154
Other A.&G. expenses . . . . .	4238	1238	103	111	6190
Total A.&G. expenses . . . . .	7418	2091	161	174	10344
<b>TOTAL O&amp;M EXPENSES</b> . . . . .	92482	24316	2006	2164	121468
Depreciation expense (Depreciating) (Other than Decon) . . . . .	3844	1004	83	90	5021
Taxes other than income taxes	64087	16744	1390	1499	83720
Property taxes . . . . .	18126	4864	—	—	22990
Other . . . . .	1166	305	25	27	1523
Total taxes other than income taxes . . . . .	19292	5169	25	27	24513
Income taxes - Federal . . . . .	51595	14851	—	—	66446
Income taxes - other . . . . .	14168	3881	—	—	18049
Deferred income taxes - net . . . . .	—	—	—	—	—
Investment tax credit adjustments - net . . . . .	3034	793	—	—	3827
Return (rate of return <u>11.2</u> %) . . . . .	162470	44328	2241	2500	211539
<b>TOTAL ANNUAL COST OF OPERATION</b>	\$ 411772	\$ 111086	\$ 5745	\$ 16280	\$ 534883

\* SCE 11.2% Riverside 9.50 %  
SDG & E 11.36% Anaheim 9.173 %

## ATTACHMENT FOR ITEM NO. 1.e.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
FOR THE CALENDAR YEAR 1986

(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor <u>60</u> %) . . . . .	\$ 50120	\$ 13095	\$ 1087	\$ 1172	\$ 65,474
Other operating expenses . . . . .	30566	7986	663	715	39,930
Maintenance expenses . . . . .	18870	4930	409	441	24,650
Total nuclear power generation . . . . .	99,556	26,011	2,159	2,328	130,054
Transmission expenses. (included in O&M expenses).	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance . . . . .	3180	553	58	63	4154
Other A.G. expenses . . . . .	5388	1382	115	124	6909
Total A.G. expenses . . . . .	8568	2235	173	187	11063
TOTAL O&M EXPENSES . . . . .	108,024	28,246	2332	2515	141,117
Depreciation expense (perpetualizing) (other than Decon) . . . . .	3844	1004	83	90	5021
Taxes other than income taxes	64087	16744	1390	1499	83,720
Property taxes . . . . .	18126	4864	—	—	22990
Other . . . . .	1391	337	28	30	1686
Total taxes other than income taxes. . . . .	19417	5201	28	30	24676
Income taxes - Federal . . . . .	59284	16834	—	—	76118
Income taxes - other . . . . .	15167	4221	—	—	19988
Deferred income taxes - net. . . . .	—	—	—	—	—
Investment tax credit adjustments - net. . . . .	3034	793	—	—	3827
Return (rate of return <u>11.2</u> %) . . . . .	157246	42934	2081	2321	204,582
TOTAL ANNUAL COST OF OPERATION	\$430703	\$115977	\$5914	\$1655	\$559,049

\* SCE 11.2 %  
SDG&E 11.36 %

Riverside 9.50 %  
Anaheim 9.173 %

## ATTACHMENT FOR ITEM NO. 1.a.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
 UNIT: San Onofre Nuclear Generating Station, Unit No. 2  
 FOR THE CALENDAR YEAR 1987

(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor <u>60</u> %)	\$ 49214	\$ 12858	\$ 1067	\$ 1151	\$ 64290
Other operating expenses	34118	8974	790	798	44570
Maintenance expenses	21044	5498	456	492	27490
Total nuclear power generation	104376	27270	2263	2441	136350
Transmission expenses (included in O&M expenses)	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance	3180	853	58	63	4154
Other A.G. expenses	5902	1542	128	138	7710
Total A.G. expenses	9082	2395	186	201	11864
<b>TOTAL O&amp;M EXPENSES</b>	113458	29665	2449	2642	148214
Depreciation expense (precommissioning) (other than Decon)	4551	1189	99	106	5945
<b>Taxes other than income taxes</b>	68980	18022	1496	1613	90111
Property taxes	18126	4864	—	—	22990
Other	1429	373	31	33	1866
Total taxes other than income taxes	19555	5237	31	33	24856
Income taxes - Federal	63037	18334	—	—	81371
Income taxes - other	116254	4472	—	—	120726
Deferred income taxes - net	—	—	—	—	—
Investment tax credit adjustments - net	3034	793	—	—	3827
Return (rate of return <u>*</u> %) . . . . .	151524	41418	1912	2132	196986
<b>TOTAL ANNUAL COST OF OPERATION</b>	\$ 440393	\$ 119130	\$ 5987	\$ 16526	\$ 572036

\* SCE 11.2% Riverside 9.50 %  
 SDG&E 11.36 % Anaheim 9.173 %



## ATTACHMENT FOR ITEM NO. 1.a.

## ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING

UNIT: San Onofre Nuclear Generating Station, Unit No. 2

FOR THE CALENDAR YEAR 1988

(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor 60%)	\$ 53,155	\$ 138,888	\$ 1,153	\$ 1,243	\$ 69,439
Other operating expenses	38,068	9,946	826	890	49,730
Maintenance expenses	23,463	6,130	509	549	30,651
Total nuclear power generation	114,686	299,644	2,488	2,682	149,820
Transmission expenses. (Included in O & M expenses)	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance	3,180	853	58	63	4,154
Other A.G. expenses	6,586	1,721	143	154	8,604
Total A.G. expenses	9,766	2,574	201	217	12,758
<b>TOTAL O&amp;M EXPENSES</b>	124,452	32,538	2,689	2,899	162,578
Depreciation expense (Depreciating) (Other than Decon)	4,551	1,189	99	106	5,945
<b>Taxes other than income taxes</b>	68,980	18,022	1,496	1,613	90,111
Property taxes	18,126	4,864	—	—	22,990
Other	15,844	414	34	37	20,629
Total taxes other than income taxes	19,710	5,278	34	37	25,059
Income taxes - Federal	110,255	17,397	—	—	33,652
Income taxes - other	64,355	4,193	—	—	68,548
Deferred income taxes - net	—	—	—	—	—
Investment tax credit adjustments - net	3,034	793	—	—	3,827
Return (rate of return * %)	145,594	39,556	1,733	1,933	189,116
<b>TOTAL ANNUAL COST OF OPERATION</b>	\$ 446,931	\$ 119,266	\$ 6,051	\$ 6,588	\$ 578,836

\* SCE 11.2%      Riverside 9.50%  
 SOG & E 11.36%      Anaheim 9.173%

Total Annual Cost of Operating San Onofre Nuclear Generating Station Unit No. 3, by participant - Based on a 35 percent capacity factor for the first year - 50 percent for each year thereafter.

## ATTACHMENT FOR ITEM NO. 1.e.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 3

FOR THE CALENDAR YEAR 1983

7/1/83 - 12/31/83  
(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor <u>35</u> %)	\$ 16728	\$ 4370	\$ 363	\$ 391	\$ 21852
Other operating expenses	12034	3144	361	281	15720
Maintenance expenses	15272	3990	331	357	19950
Total nuclear power generation	44034	11504	955	1029	57522
Transmission expenses (included in O & M expenses)	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance	949	254	18	19	1240
Other A.&G. expenses	1884	492	41	44	2461
Total A.&G. expenses	2833	746	59	63	3701
<b>TOTAL O&amp;M EXPENSES</b>	46867	12250	1014	1092	61223
Depreciation expense (Depreciating) (other than Decon)	1503	472	39	42	2056
<b>Taxes other than income taxes</b>	15402	4828	401	432	21063
Property taxes	5407	1451	—	—	6858
Other	616	161	13	14	804
Total taxes other than income taxes	6023	1612	13	14	7662
Income taxes - Federal	2970	1165	—	—	4135
Income taxes - other	1805	566	—	—	2371
Deferred income taxes - net	—	—	—	—	—
Investment tax credit adjustments - net	1137	594	—	—	1731
Return (rate of return <u>*</u> %) . . . . .	52502	14243	800	2823	70,368
<b>TOTAL ANNUAL COST OF OPERATION</b>	\$ 128209	\$ 35730	\$ 2267	\$ 4403	\$ 170609

\* SCE 11.20%      Riverside 9.50%  
SDG&E 11.36%      Anaheim 9.173%

## ATTACHMENT FOR ITEM NO. 1.e.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 3  
FOR THE CALENDER YEAR 1984

(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor 50 %) . . . . .	\$ 39,141	\$ 10,226	\$ 849	\$ 915	\$ 51,131
Other operating expenses . . . . .	25,330	6,618	549	592	33,089
Maintenance expenses . . . . .	15,272	3,990	331	357	19,950
Total nuclear power generation . . . . .	79,743	20,834	1,729	1,864	104,170
Transmission expenses (included in O&M expenses) . . . . .	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance . . . . .	2,070	555	39	41	2,705
Other A.G. expenses . . . . .	4,246	1,309	92	99	5,746
Total A.G. expenses . . . . .	6,316	1,864	131	140	8,451
<b>TOTAL O&amp;M EXPENSES</b> . . . . .	86,059	22,698	1,860	2,004	112,621
<b>Depreciation expense (decommissioning) (other than Decon)</b> . . . . .	3,608	943	78	84	4,713
<b>Taxes other than income taxes</b>					
Property taxes . . . . .	11,799	3,165	—	—	14,964
Other . . . . .	10,533	875	23	25	13,766
Total taxes other than income taxes . . . . .	12,852	3,440	23	25	16,340
<b>Income taxes - Federal</b> . . . . .	14,288	4,341	—	—	18,629
<b>Income taxes - other</b> . . . . .	5,379	1,542	—	—	6,921
<b>Deferred income taxes - net</b> . . . . .	—	—	—	—	—
<b>Investment tax credit adjustments - net</b> . . . . .	2,274	594	—	—	2,868
<b>Return (rate of return * %) . . . . .</b>	111,903	30,123	16,777	21,667	146,370
<b>TOTAL ANNUAL COST OF OPERATION</b>	\$ 273,327	\$ 73,338	\$ 44,400	\$ 56,444	\$ 356,749

\* SCE 11.20% Riverside 9.50%  
SDGE 11.36% Anaheim 9.173%

## ATTACHMENT FOR ITEM NO. 1.e.

## ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING

UNIT: San Onofre Nuclear Generating Station, Unit No. 3

FOR THE CALENDAR YEAR 1985

(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor <u>50 %</u> )	\$ 30982	\$ 8095	\$ 672	\$ 724	\$ 40473
Other operating expenses	27387	7158	594	641	35780
Maintenance expenses	16925	4422	367	396	22110
Total nuclear power generation	75304	19675	1633	1761	98373
Transmission expenses. <i>(included in O&amp;M expenses)</i>	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance	2070	555	39	41	2705
Other A.&G. expenses	4738	1238	103	11	6180
Total A.&G. expenses	6808	1793	142	152	8895
<b>TOTAL O&amp;M EXPENSES</b>	82112	21468	1775	1913	107268
Depreciation expense <i>(decommissioning)</i>	4286	1120	93	100	5599
<i>(other than Decom)</i>	40303	10530	874	942	52649
<b>Taxes other than income taxes</b>					
Property taxes	11799	3165	—	—	14964
Other	1165	304	25	27	1521
Total taxes other than income taxes	12964	3469	25	27	16485
Income taxes - Federal	24579	6695	—	—	31274
Income taxes - other	7296	1967	—	—	9263
Deferred income taxes - net.	—	—	—	—	—
Investment tax credit adjustments - net.	2274	594	—	—	2868
Return (rate of return <u>* %</u> )	108789	28695	1590	2500	141574
<b>TOTAL ANNUAL COST OF OPERATION</b>	\$ 282,603	\$ 74,538	\$ 4,357	\$ 5,482	\$ 366,980

\* SCE 11.20% Riverside 9.50%  
SDG&E 11.36% Anaheim 9.173%

## ATTACHMENT FOR ITEM NO. 1.a.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 3  
FOR THE CALENDAR YEAR 1986

(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor <u>50</u> %) . . . . .	\$ 39354	\$ 10282	\$ 853	\$ 920	\$ 51409
Other operating expenses . . . . .	30566	7986	663	715	39230
Maintenance expenses . . . . .	18820	4930	409	441	24650
Total nuclear power generation . . . . .	88770	23198	1925	2076	115989
Transmission expenses. <i>(included in O&amp;M expenses)</i>	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance . . . . .	2070	555	39	41	2705
Other A.G. expenses . . . . .	5288	1382	115	124	6909
Total A.G. expenses . . . . .	7358	1937	154	165	9614
TOTAL O&M EXPENSES . . . . .	96148	25135	2079	2241	125603
Depreciation expense <i>(per depreciation schedule)</i> . . . . .	4286	1120	93	100	5599
Taxes other than income taxes	40303	10530	874	942	52649
Property taxes . . . . .	11799	3165	—	—	14964
Other . . . . .	1290	337	28	30	1685
Total taxes other than income taxes . . . . .	13089	3502	28	30	16649
Income taxes - Federal . . . . .	30541	7964	—	—	38805
Income taxes - other . . . . .	8378	2168	—	—	10546
Deferred income taxes - net. . . . .	—	—	—	—	—
Investment tax credit adjustments - net. . . . .	2274	594	—	—	2868
Return (rate of return <u>4</u> %) . . . . .	105594	27187	1480	2321	136582
TOTAL ANNUAL COST OF OPERATION	\$ 300,913	\$ 78,800	\$ 4,554	\$ 5,634	\$ 389,301

\* SCE 11.2% Riverside 9.50 %  
SDG&E 11.36% Anaheim 9.173%

## ATTACHMENT FOR ITEM NO. 1.a.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 3  
FOR THE CALENDAR YEAR 1987

(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
Nuclear power generation					
Nuclear fuel expense (plant factor <u>50</u> %) . . . . .	\$ 37793	\$ 9874	\$ 820	\$ 884	\$ 49371
Other operating expenses . . . . .	3418	8914	740	798	44570
Maintenance expenses . . . . .	21044	5498	456	492	27490
Total nuclear power generation . . . . .	92955	24286	2016	2174	121431
Transmission expenses <i>(included in O&amp;M expenses)</i> . . . . .	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance . . . . .	2070	555	39	41	2705
Other A.G.G. expenses . . . . .	5902	1542	128	138	7710
Total A.G.G. expenses . . . . .	7972	2097	167	179	10915
<b>TOTAL O&amp;M EXPENSES</b> . . . . .	100927	26383	2183	2353	131846
Depreciation expense <i>(per commissioning)</i> . . . . .	5059	1322	110	118	6609
<i>(other than Decon)</i> . . . . .	43251	11300	938	1011	56500
<b>Taxes other than income taxes</b>					
Property taxes . . . . .	11799	3165	—	—	14964
Other . . . . .	1428	373	31	33	1865
Total taxes other than income taxes . . . . .	13227	3538	31	33	16829
Income taxes - Federal . . . . .	38460	9587	—	—	48047
Income taxes - other . . . . .	9819	2462	—	—	12281
Deferred income taxes - net . . . . .	—	—	—	—	—
Investment tax credit adjustments - net . . . . .	2274	594	—	—	2868
Return (rate of return <u>*</u> %) . . . . .	102100	25600	1374	2132	131,206
<b>TOTAL ANNUAL COST OF OPERATION</b>	\$ 315117	\$ 80786	\$ 4536	\$ 5647	\$ 406,186

\* SCE 11.2% Riverside 9.50%  
SDGE 11.36% Anaheim 9.173%

## ATTACHMENT FOR ITEM NO. 1.e.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 3  
FOR THE CALENDAR YEAR 1988

(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor <u>50</u> %)	\$ 43965	\$ 11487	\$ 953	\$ 1028	\$ 57433
Other operating expenses	38068	9946	826	890	49730
Maintenance expenses	23463	6130	509	549	30651
Total nuclear power generation	105496	27563	2288	2467	137814
Transmission expenses (included in O&M expenses)	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance	2070	555	39	41	2705
Other A.G. expenses	6586	1721	143	154	8604
Total A.G. expenses	8656	2276	182	195	11309
<b>TOTAL O&amp;M EXPENSES</b>	114152	29839	2470	2662	149123
Depreciation expense (perpetualizing) (other than Decon)	5059	1322	110	118	6609
<b>Taxes other than income taxes</b>	43251	11300	938	1016	56500
Property taxes	11799	3165	—	—	14964
Other	1583	414	34	37	2068
Total taxes other than income taxes	13382	3579	34	37	17032
Income taxes - Federal	42640	10280	—	—	52920
Income taxes - other	10538	2560	—	—	13098
Deferred income taxes - net	—	—	—	—	—
Investment tax credit adjustments - net	2274	594	—	—	2868
Return (rate of return <u>★</u> %)	98504	23930	1262	1933	125629
<b>TOTAL ANNUAL COST OF OPERATION</b>	\$ 329800	\$ 83404	\$ 4814	\$ 5761	\$ 423779

★ SCE 11.2 %  
SDG&E 11.36 %

Riverside 9.50 %  
Anaheim 9.173 %



Total Annual Cost of Operating San Onofre Nuclear Generating Station Unit No. 3, by participant - Based on a 35 percent capacity factor for the first year - 60 percent for each year thereafter.

## ATTACHMENT FOR ITEM NO. 1.a.

## ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING

UNIT: San Onofre Nuclear Generating Station, Unit No. 3

FOR THE CALENDAR YEAR 1983

7/1/83 - 12/31/83  
(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor 35 %)	\$ 16728	\$ 4370	\$ 363	\$ 391	\$ 21852
Other operating expenses	12034	3144	261	281	15720
Maintenance expenses	5029	1314	109	118	6570
Total nuclear power generation	33791	8828	733	790	44142
Transmission expenses (included in O&M expenses)	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance	949	254	18	19	1240
Other A.&G. expenses	1884	492	41	44	2461
Total A.&G. expenses	2833	746	59	63	3701
<b>TOTAL O&amp;M EXPENSES</b>	36674	9574	792	853	47893
Depreciation expense (Depreciation) (other than Decon)	1503	472	39	42	2056
<b>Taxes other than income taxes</b>	15402	4828	401	432	21063
Property taxes	5407	1451	—	—	6858
Other	616	161	13	14	804
Total taxes other than income taxes	6023	1612	13	14	7662
Income taxes - Federal	2970	1165	—	—	4135
Income taxes - other	1805	566	—	—	2371
Deferred income taxes - net	—	—	—	—	—
Investment tax credit adjustments - net	1137	594	—	—	1731
Return (rate of return * %)	52502	14243	800	2823	70368
<b>TOTAL ANNUAL COST OF OPERATION</b>	\$ 113016	\$ 33054	\$ 2045	\$ 4164	\$ 157279

\* SCE 11.20% Riverside 9.50%  
SDG & E 11.36% Anaheim 9.13%

## ATTACHMENT FOR ITEM NO. 1.a.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 3  
FOR THE CALENDAR YEAR 1987

(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor 60 %) . . . . .	\$ 44665	\$ 11670	\$ 969	\$ 1044	\$ 58348
Other operating expenses . . . . .	25330	6618	549	592	33089
Maintenance expenses . . . . .	15272	3990	331	357	19950
Total nuclear power generation . . . . .	85267	22278	1849	1993	111387
Transmission expenses (included in O&M expenses) . . . . .	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance . . . . .	2070	555	39	41	2705
Other A.&G. expenses . . . . .	4246	1309	92	99	5746
Total A.&G. expenses . . . . .	6316	1864	131	140	8451
<b>TOTAL O&amp;M EXPENSES</b> . . . . .	91583	24142	1980	2133	119838
Depreciation expense (perpetualizing) . . . . .	3608	943	78	84	4713
(other than Decon)	36964	9657	802	864	48287
<b>Taxes other than income taxes</b>					
Property taxes . . . . .	11799	3165	—	—	14964
Other . . . . .	2053	275	23	25	2376
Total taxes other than income taxes . . . . .	13852	3440	23	25	16340
Income taxes - Federal . . . . .	14288	4341	—	—	18629
Income taxes - other . . . . .	5379	1542	—	—	6921
Deferred income taxes - net. . . . .	—	—	—	—	—
Investment tax credit adjustments - net. . . . .	2274	594	—	—	2868
Return (rate of return 4 %) . . . . .	111903	30123	1677	2667	146370
<b>TOTAL ANNUAL COST OF OPERATION</b>	\$ 278,851	\$ 74,782	\$ 4560	\$ 5773	\$ 363,966

\* SCE 11.2 % Riverside 9.50 %  
SDGE 11.36 % Anaheim 9.173 %

## ATTACHMENT FOR ITEM NO. 1.a.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 3  
FOR THE CALENDAR YEAR 1985

(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor <u>60</u> %) . . . . .	\$ 37086	\$ 9689	\$ 804	\$ 867	\$ 48446
Other operating expenses . . . . .	27397	7158	544	641	35740
Maintenance expenses . . . . .	16425	4422	367	386	22110
Total nuclear power generation . . . . .	81408	21269	1765	1904	106346
Transmission expenses <i>(included in O&amp;M expenses)</i> . . . . .	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance . . . . .	2070	555	39	41	2705
Other A.G. expenses . . . . .	4738	1238	103	111	6190
Total A.G. expenses . . . . .	6808	1793	142	152	8895
TOTAL O&M EXPENSES . . . . .	88216	23062	1907	2056	115241
Depreciation expense <i>(Decommissioning)</i> . . . . .	4286	1130	93	100	5599
<i>(other than Decom)</i> . . . . .	40303	10530	874	942	52649
<b>Taxes other than income taxes</b>					
Property taxes . . . . .	11797	3165	—	—	14964
Other . . . . .	1765	304	25	27	1521
Total taxes other than income taxes . . . . .	12964	3469	25	27	16485
Income taxes - Federal . . . . .	24579	6695	—	—	31274
Income taxes - other . . . . .	7296	1967	—	—	9263
Deferred income taxes - net. . . . .	—	—	—	—	—
Investment tax credit adjustments - net. . . . .	2274	594	—	—	2868
Return (rate of return <u>* %</u> ) . . . . .	108789	28695	1590	2500	141574
TOTAL ANNUAL COST OF OPERATION	\$ 288707	\$ 76132	\$ 4489	\$ 5625	\$ 374953

\* SCE 11.2070  
SDGE 11.3670  
Riverside 9.5090  
Anaheim 9.1730

ATTACHMENT FOR ITEM NO. 1.a.

ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING  
UNIT: San Onofre Nuclear Generating Station, Unit No. 3  
FOR THE CALENDAR YEAR 1986

(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
Nuclear power generation					
Nuclear fuel expense (plant factor 60 %) . . . . .	\$ 42,282	\$ 11,047	\$ 917	\$ 989	\$ 55,235
Other operating expenses . . . . .	30,566	7,986	663	715	39,930
Maintenance expenses . . . . .	18,870	4,930	409	441	24,650
Total nuclear power generation . . . . .	91,718	23,963	1,989	2,145	119,815
Transmission expenses (included in O&M expenses) . . . . .	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance . . . . .	2,070	555	39	41	2,705
Other A.G. expenses . . . . .	5288	1,382	115	124	6,909
Total A.G. expenses . . . . .	7,358	1,937	154	165	9,614
<b>TOTAL O&amp;M EXPENSES</b> . . . . .	✓ 99,076	25,900	2,143	2,310	129,429
Depreciation expense (Depreciation) . . . . .	✓ 4,286	1,120	93	100	5,599
(Other than Depreciation) . . . . .	✓ 40,303	10,530	874	942	52,649
<b>Taxes other than income taxes</b>					
Property taxes . . . . .	11,799	3,165	—	—	14,964
Other . . . . .	1290	337	28	30	1,685
Total taxes other than income taxes . . . . .	✓ 13,089	3,502	28	30	16,649
Income taxes - Federal . . . . .	✓ 30,841	7,964	—	—	38,805
Income taxes - other . . . . .	✓ 8,378	2,168	—	—	10,546
Deferred income taxes - net . . . . .	—	—	—	—	—
Investment tax credit adjustments - net . . . . .	✓ 2,274	594	—	—	2,868
Return (rate of return * %) . . . . .	✓ 10,5594	2,7187	1,480	2,321	13,6582
<b>TOTAL ANNUAL COST OF OPERATION</b>	\$ 303,841	\$ 78,965	\$ 4,618	\$ 5,703	\$ 393,127

\* SCE 11.20% Riverside 9.50%  
SDG&E 11.36% Anaheim 9.173%

## ATTACHMENT FOR ITEM NO. 1.a.

## ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING

UNIT: San Onofre Nuclear Generating Station, Unit No. 3

FOR THE CALENDAR YEAR 1987

(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor <u>60</u> %) . . . . .	\$ 51989	\$ 13683	\$ 1127	\$ 1216	\$ 67915
Other operating expenses . . . . .	34118	8914	240	798	44570
Maintenance expenses . . . . .	21044	5498	456	492	27490
Total nuclear power generation . . . . .	107151	27925	2323	2506	139975
Transmission expenses (included in O&M expenses) . . . . .	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance . . . . .	2070	555	39	41	2705
Other A.G. expenses . . . . .	5902	1542	128	138	7710
Total A.G. expenses . . . . .	7972	2097	167	179	10415
<b>TOTAL O&amp;M EXPENSES</b> . . . . .	✓ 115,123	30092	2490	2685	150,390
Depreciation expense (Depreciating) . . . . .	✓ 5059	1322	110	118	6609
(Other than Decon) . . . . .	✓ 43251	11300	938	1011	56500
<b>Taxes other than income taxes</b>					
Property taxes . . . . .	11799	3165	—	—	14964
Other . . . . .	1428	373	31	33	1865
Total taxes other than income taxes . . . . .	✓ 13227	3538	31	33	16829
Income taxes - Federal . . . . .	✓ 38460	9587	—	—	48,047
Income taxes - other . . . . .	✓ 9819	2462	—	—	12,281
Deferred income taxes - net. . . . .	—	—	—	—	—
Investment tax credit adjustments - net. . . . .	✓ 2274	594	—	—	2868
Return (rate of return <u>★</u> %) . . . . .	✓ 102100	25600	1374	2132	131206
<b>TOTAL ANNUAL COST OF OPERATION</b>	<u>\$329,313</u>	<u>\$84,495</u>	<u>\$4943</u>	<u>\$5979</u>	<u>\$424,730</u>

\* SCE 11.2 %  
SDG&E 11.36 %

Riverside 9.50 %  
Anaheim 9.173 %

## ATTACHMENT FOR ITEM NO. 1.a.

## ESTIMATED ANNUAL COST OF OPERATING NUCLEAR GENERATING

UNIT: San Onofre Nuclear Generating Station, Unit No. 3  
FOR THE CALENDAR YEAR 1988

(thousands of dollars)

Item	Southern California Edison Company	San Diego Gas and Electric Company	City of Anaheim	City of Riverside	Total
<b>Operation and maintenance expenses</b>					
<b>Nuclear power generation</b>					
Nuclear fuel expense (plant factor <u>60</u> %) . . . . .	\$ 50,178	\$ 13,110	\$ 1,088	\$ 1,173	\$ 65,549
Other operating expenses . . . . .	38,068	9,946	826	890	49,730
Maintenance expenses . . . . .	23,463	6,130	509	549	30,651
Total nuclear power generation . . . . .	111,709	29,186	2,423	2,612	145,930
Transmission expenses. <i>Included in O &amp; M expenses</i> . . . . .	—	—	—	—	—
<b>Administrative and general expenses</b>					
Property and liability insurance . . . . .	2,070	555	39	41	2,705
Other A.G. expenses . . . . .	6,586	1,721	143	154	8,604
Total A.G. expenses . . . . .	8,656	2,276	182	195	11,309
<b>TOTAL O&amp;M EXPENSES</b> . . . . .	120,365	31,462	2,605	2,807	157,239
Depreciation expense <i>(per Commissioning)</i> . . . . .	5,059	1,322	110	118	6,609
<i>(other than Decom)</i> . . . . .	43,251	11,300	938	1,011	56,500
<b>Taxes other than income taxes</b>					
Property taxes . . . . .	11,799	3,165	—	—	14,964
Other . . . . .	1,383	414	34	37	2,068
Total taxes other than income taxes . . . . .	13,182	3,579	34	37	17,032
Income taxes - Federal . . . . .	42,640	10,280	—	—	52,920
Income taxes - other . . . . .	10,538	2,560	—	—	13,098
Deferred income taxes - net. . . . .	—	—	—	—	—
Investment tax credit adjustments - net. . . . .	2,274	594	—	—	2,868
Return (rate of return <u>★</u> %) . . . . .	98,504	23,930	1,262	1,933	125,629
<b>TOTAL ANNUAL COST OF OPERATION</b>	\$ 336,013	\$ 95,027	\$ 4,949	\$ 5,906	\$ 431,895

★ SCE 11.29%  
SDG&E 11.369%

Riverside 9.50%  
Anaheim 9.173%