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Return Address:
Steel Rives LLP
Attention: William L. Rodgers
900 SW Fifth Avenue, Suite 2600
Portland, OR 97204

Steel Rives LLP

SEP 12 2003

O'Day

Document Title(s) or transaction contained herein:	
Sixteenth Supplemental Indenture	
GRANTOR(S) (Last name, first name, middle initial)	
Pacificorp	
<input type="checkbox"/> Additional names on page _____ of document.	
GRANTEE(S) (Last name, first name, middle initial)	
JP Morgan Chase Bank	
<input type="checkbox"/> Additional names on page _____ of document.	
LEGAL DESCRIPTION (Abbreviated: i.e., Lot, Block, Plat or Section, Township, Range, Quarter/Quarter)	
N/A	
<input type="checkbox"/> Complete legal on page _____ of document.	
REFERENCE NUMBER(S) of Documents assigned or released:	
Book 112, page 614 Entry No. 106471 1/25/89	
<input type="checkbox"/> Additional numbers on page _____ of document.	
ASSESSOR'S PROPERTY TAX PARCEL/ACCOUNT NUMBER	
N/A	
<input type="checkbox"/> Property Tax Parcel ID is not yet assigned	
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PACIFICORP
(An Oregon Corporation)

TO

JPMORGAN CHASE BANK
(A New York Corporation)
(Formerly Known as The Chase Manhattan Bank)

*As Trustee under PacificCorp's
Mortgage and Deed of Trust,
Dated as of January 9, 1989*

Sixteenth Supplemental Indenture
Dated as of September 1, 2003

Supplemental to PacificCorp's Mortgage and Deed of Trust
Dated as of January 9, 1989

This Instrument Grants a Security Interest by a Transmitting Utility

This Instrument Contains After-Acquired Property Provisions

SIXTEENTH SUPPLEMENTAL INDENTURE

THIS INDENTURE, dated as of the 1st day of September, 2003, made and entered into by and between PACIFICORP, a corporation of the State of Oregon, whose address is 825 NE Multnomah, Portland, Oregon 97232 (hereinafter sometimes called the "Company"), and JPMORGAN CHASE BANK (formerly known as The Chase Manhattan Bank), a New York corporation whose address is 4 New York Plaza, 15th Floor, New York, New York 10004 (the "Trustee"); as Trustee under the Mortgage and Deed of Trust, dated as of January 9, 1989, as heretofore amended and supplemented (hereinafter called the "Mortgage"), is executed and delivered by the Company in accordance with the provisions of the Mortgage, this indenture (hereinafter called the "Sixteenth Supplemental Indenture") being supplemental thereto.

WHEREAS, the Mortgage was or is to be recorded in the official records of the States of Arizona, California, Colorado, Idaho, Montana, New Mexico, Oregon, Utah, Washington and Wyoming and various counties within such states, which counties include or will include all counties in which this Sixteenth Supplemental Indenture is to be recorded; and

WHEREAS, by the Mortgage the Company covenanted that it would execute and deliver such supplemental indenture or indentures and such further instruments and do such further acts as might be necessary or proper to carry out more effectually the purposes of the Mortgage and to make subject to the Lien of the Mortgage any property thereafter acquired, made or constructed and intended to be subject to the Lien thereof; and

WHEREAS, in addition to the property described in the Mortgage, the Company has acquired certain other property, rights and interests in property; and

WHEREAS, the Company has executed, delivered, recorded and filed Supplemental Indentures as follows:

	Dated as of
First	March 31, 1989
Second	December 29, 1989
Third	March 31, 1991
Fourth	December 31, 1991
Fifth	March 15, 1992
Sixth	July 31, 1992
Seventh	March 15, 1993
Eighth	November 1, 1993
Ninth	June 1, 1994
Tenth	August 1, 1994
Eleventh	December 1, 1995
Twelfth	September 1, 1996
Thirteenth	November 1, 1998
Fourteenth	November 15, 2001
Fifteenth	June 1, 2003

and

WHEREAS, the Company has heretofore issued, in accordance with the provisions of the Mortgage, bonds entitled and designated First Mortgage and Collateral Trust Bonds or First Mortgage Bonds, as the case may be, of the series and in the principal amounts as follows:

	Series	Due Date	Aggregate Principal Amount Issued	Aggregate Principal Amount Outstanding
First	10.45% Series due January 9, 1989	1989	\$ 500,000	0
Second	Secured Medium-Term Notes, Series A	various	250,000,000	0
Third	Secured Medium-Term Notes, Series B	various	200,000,000	0
Fourth	Secured Medium-Term Notes, Series C	various	300,000,000	116,724,000
Fifth	Secured Medium-Term Notes, Series D	various	250,000,000	31,500,000
Sixth	C-U Series	various	250,432,000	142,817,000
Seventh	Secured Medium-Term Notes, Series E	various	500,000,000	249,500,000
Eighth	6 7/8% Series due April 1, 2005	4-1-2005	150,000,000	150,000,000
Ninth	Secured Medium-Term Notes, Series F	various	500,000,000	160,000,000
Tenth	E-I Series	various	71,200,000	71,200,000
Eleventh	Secured Medium-Term Notes, Series G	various	500,000,000	300,000,000
Twelfth	Series 1994-1 Bonds	various	216,470,000	216,470,000
Thirteenth	Adjustable Rate Replacement Series	2002	13,234,000	0
Fourteenth	9 7/8% Replacement Series due 1997	1997	50,000,000	0
Fifteenth	Bond Credit Series Bonds	various	498,589,753	0
Sixteenth	Secured Medium-Term Notes, Series H	various	500,000,000	500,000,000
Seventeenth	5.65% Series due 2006	11-1-06	200,000,000	200,000,000
Eighteenth	6.90% Series due November 15, 2011	11-15-11	500,000,000	500,000,000
Nineteenth	7.70% Series due November 15, 2031	11-15-31	300,000,000	300,000,000
Twentieth	Collateral Bonds, First 2003 Series	12-1-14	15,000,000	15,000,000
Twenty-First	Collateral Bonds, Second 2003 Series	12-1-16	8,500,000	8,500,000
Twenty-Second	Collateral Bonds, Third 2003 Series	1-1-14	17,000,000	17,000,000
Twenty-Third	Collateral Bonds, Fourth 2003 Series	1-1-16	45,000,000	45,000,000
Twenty-Fourth	Collateral Bonds, Fifth 2003 Series	11-1-25	5,300,000	5,300,000
Twenty-Fifth	Collateral Bonds, Sixth 2003 Series	11-1-28	22,000,000	22,000,000

and

WHEREAS, Section 2.03 of the Mortgage provides that the form or forms, terms and conditions of and other matters not inconsistent with the provisions of the Mortgage, in connection with each series of bonds (other than the First Series) issued thereunder, shall be established in or pursuant to one or more Resolutions and/or shall be established in one or more indentures supplemental to the Mortgage, prior to the initial issuance of bonds of such series; and

WHEREAS, Section 22.04 of the Mortgage provides, among other things, that any power, privilege or right expressly or impliedly reserved to or in any way conferred upon the Company by any provision of the Mortgage, whether such power, privilege or right is in any way restricted or is unrestricted, may be in whole or in part waived or surrendered or subjected to any restriction if at the time unrestricted or to additional restriction if already restricted, and the Company may enter into any further covenants, limitations, restrictions or provisions for the benefit of any one or more series of bonds issued thereunder and provide that a breach thereof shall be equivalent to a Default under the Mortgage, or the Company may cure any ambiguity contained therein, or in any supplemental indenture, or may (in lieu of establishment in or pursuant to Resolution in accordance with Section 2.03 of the Mortgage) establish the forms, terms and provisions of any series of bonds other than said First Series, by an instrument in writing executed by the Company; and

WHEREAS, the Company now desires to create two new series of bonds and (pursuant to the provisions of Section 22.04 of the Mortgage) to add to its covenants and agreements contained in the Mortgage certain other covenants and agreements to be observed by it; and

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WHEREAS, the execution and delivery by the Company of this Sixteenth Supplemental Indenture, and the terms of the bonds of the Twenty-Sixth Series and the Twenty-Seventh Series herein referred to, have been duly authorized by the Board of Directors in or pursuant to appropriate Resolutions;

Now, Therefore, This Indenture Witnesseth:

That PACIFICORP, an Oregon corporation, in consideration of the premises and of good and valuable consideration to it duly paid by the Trustee at or before the sealing and delivery of these presents, the receipt and sufficiency whereof is hereby acknowledged, and in order to secure the payment of both the principal of and interest and premium, if any, on the bonds from time to time issued under the Mortgage, according to their tenor and effect and the performance of all provisions of the Mortgage (including any instruments supplemental thereto and any modification made as in the Mortgage provided) and of such bonds, and to confirm the Lien of the Mortgage on certain after-acquired property, hereby mortgages, pledges and grants a security interest in (subject, however, to Excepted Encumbrances as defined in Section 1.06 of the Mortgage), unto JPMorgan Chase Bank (formerly known as The Chase Manhattan Bank), as Trustee, and to its successor or successors in said trust, and to said Trustee and its successors and assigns forever, all properties of the Company real, personal and mixed, owned by the Company as of the date of the Mortgage and acquired by the Company after the date of the Mortgage, subject to the provisions of Section 18.03 of the Mortgage, of any kind or nature (except any herein or in the Mortgage expressly excepted), now owned or, subject to the provisions of Section 18.03 of the Mortgage, hereafter acquired by the Company (by purchase, consolidation, merger, donation, construction, erection or in any other way) and wheresoever situated (except such of such properties as are excluded by name or nature from the Lien hereof), including the properties described in Article V hereof, and further including (without limitation) all real estate, lands, easements, servitudes, licenses, permits, franchises, privileges, rights of way and other rights in or relating to real estate or the occupancy of the same; all power sites, flowage rights, water rights, water locations, water appropriations, ditches, flumes, reservoirs, reservoir sites, canals, raceways, waterways, dams, dam sites, aqueducts, and all other rights or means for appropriating, conveying, storing and supplying water; all rights of way and roads; all plants for the generation of electricity and other forms of energy (whether now known or hereafter developed) by steam, water, sunlight, chemical processes, and/or (without limitation) all other sources of power (whether now known or hereafter developed); all power houses, gas plants, street lighting systems, standards and other equipment incidental thereto; all telephone, radio, television and other communications, image and data transmission systems, air-conditioning systems and equipment incidental thereto, water wheels, water works, water systems, steam and hot water plants, substations, lines, service and supply systems, bridges, culverts, tracks, ice or refrigeration plants and equipment, offices, buildings and other structures and the equipment thereof; all machinery, engines, boilers, dynamos, turbines, electric, gas and other machines, prime movers, regulators, meters, transformers, generators (including, but not limited to, engine-driven generators and turbogenerator units), motors, electrical, gas and mechanical appliances, conduits, cables, water, steam, gas or other pipes, gas mains and pipes, service pipes, fittings, valves and connections, pole and transmission lines, towers, overhead conductors and devices, underground conduits, underground conductors and devices, wires, cables, tools, implements, apparatus, storage battery equipment and all other fixtures and personally; all municipal and other franchises, consents or permits; all lines for the transmission and distribution of electric current and other forms of energy, gas, steam, water or communications, images and data for any purpose including towers, poles, wires, cables, pipes, conduits, ducts and all apparatus for use in connection therewith and (except as herein or in the Mortgage expressly excepted) all the right, title and interest of the Company in and to all other property of any kind or nature appertaining to and/or used and/or occupied and/or enjoyed in connection with any property hereinbefore described;

TOGETHER WITH all and singular the tenements, hereditaments, prescriptions, servitudes and appurtenances belonging or in anywise appertaining to the aforesaid property or any part thereof, with

the reversion and reversions, remainder and remainders and (subject to the provisions of Section 13.01 of the Mortgage) the tolls, rents, revenues, issues, earnings, income, product and profits thereof, and all the estate, right, title and interest and claim whatsoever, at law as well as in equity, which the Company now has or may hereafter acquire in and to the aforesaid property and franchises and every part and parcel thereof.

IT IS HEREBY AGREED by the Company that, subject to the provisions of Section 18.03 of the Mortgage, all the property, rights and franchises acquired by the Company (by purchase, consolidation, merger, donation, construction, erection or in any other way) after the date hereof, except any herein or in the Mortgage expressly excepted, shall be and are as fully mortgaged and pledged hereby and as fully embraced within the Lien of the Mortgage as if such property, rights and franchises were now owned by the Company and were specifically described herein or in the Mortgage and mortgaged hereby or thereby.

PROVIDED THAT the following are not and are not intended to be now or hereafter mortgaged or pledged hereunder, nor is a security interest therein hereby granted or intended to be granted, and the same are hereby expressly excepted from the Lien and operation of the Mortgage, namely: (1) cash, shares of stock, bonds, notes and other obligations and other securities not hereafter specifically pledged, paid, deposited, delivered or held under the Mortgage or covenanted so to be; (2) merchandise, equipment, apparatus, materials or supplies held for the purpose of sale or other disposition in the usual course of business or for the purpose of repairing or replacing (in whole or part) any rolling stock, buses, motor coaches, automobiles or other vehicles or aircraft or boats, ships or other vessels, and any fuel, oil and similar materials and supplies consumable in the operation of any of the properties of the Company; rolling stock, buses, motor coaches, automobiles and other vehicles and all aircraft, boats, ships and other vessels; all crops (both growing and harvested), timber (both growing and harvested), minerals (both in place and severed), and mineral rights and royalties; (3) bills, notes and other instruments and accounts receivable, judgments, demands, general intangibles and choses in action, and all contracts, leases and operating agreements not specifically pledged under the Mortgage or covenanted so to be; (4) the last day of the term of any lease or leasehold which may be or become subject to the Lien of the Mortgage; (5) electric energy, gas, water, steam, ice and other materials, forms of energy or products generated, manufactured, produced or purchased by the Company for sale, distribution or use in the ordinary course of its business; (6) any natural gas wells or natural gas leases or natural gas transportation lines or other works or property used primarily and principally in the production of natural gas or its transportation, primarily for the purpose of sale to natural gas customers or to a natural gas distribution or pipeline company, up to the point of connection with any distribution system; (7) the Company's franchise to be a corporation; (8) any interest (as lessee, owner or otherwise) in the Wyodak Facility, including, without limitation, any equipment, parts, improvements, substitutions, replacements or other property relating thereto; and (9) any property heretofore released pursuant to any provision of the Mortgage and not heretofore disposed of by the Company; provided, however, that the property and rights expressly excepted from the Lien and operation of the Mortgage in the above subdivisions (2) and (3) shall (to the extent permitted by law) cease to be so excepted in the event and as of the date that the Trustee or a receiver for the Trustee shall enter upon and take possession of the Mortgaged and Pledged Property in the manner provided in Article XV of the Mortgage by reason of the occurrence of a Default.

AND PROVIDED FURTHER, that as to any property of the Company that, pursuant to the after-acquired property provisions thereof, hereafter becomes subject to the lien of a mortgage, deed of trust or similar indenture that may in accordance with the Mortgage hereafter become designated as a Class "A" Mortgage, the Lien hereof shall at all times be junior and subordinate to the lien of such Class "A" Mortgage.

TO HAVE AND TO HOLD all such properties, real, personal and mixed, mortgaged and pledged, or in which a security interest has been granted by the Company as aforesaid, or intended so to be

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(subject, however, to Excepted Encumbrances as defined in Section 1.06 of the Mortgage), unto JPMorgan Chase Bank (formerly known as The Chase Manhattan Bank), as Trustee, and its successors and assigns forever;

IN TRUST NEVERTHELESS, for the same purposes and upon the same terms, trusts and conditions and subject to and with the same provisos and covenants as are set forth in the Mortgage, this Sixteenth Supplemental Indenture being supplemental to the Mortgage;

AND IT IS HEREBY COVENANTED by the Company that all the terms, conditions, provisos, covenants and provisions contained in the Mortgage shall affect and apply to the property hereinbefore described and conveyed, and to the estates, rights, obligations and duties of the Company and the Trustee and the beneficiaries of the trust with respect to said property, and to the Trustee and its successor or successors in the trust, in the same manner and with the same effect as if the said property had been owned by the Company at the time of the execution of the Mortgage, and had been specifically and at length described in and conveyed to said Trustee by the Mortgage as a part of the property therein stated to be conveyed.

The Company further covenants and agrees to and with the Trustee and its successor or successors in such trust under the Mortgage, as follows:

ARTICLE I Twenty-Sixth Series of Bonds

SECTION 1.01. There shall be a series of bonds designated "4.30% Series due 2008" (herein sometimes referred to as the Twenty-Sixth Series), each of which shall also bear the descriptive title "First Mortgage Bond," and the form thereof, which shall be established by or pursuant to a Resolution, shall contain suitable provisions with respect to the matters hereinafter in this Section specified.

(I) Bonds of the Twenty-Sixth Series shall mature on September 15, 2008 and shall be issued as fully registered bonds in the denomination of One Thousand Dollars and, at the option of the Company, any multiple or multiples of One Thousand Dollars (the exercise of such option to be evidenced by the execution and delivery thereof).

The Company reserves the right to establish, at any time, by or pursuant to a Resolution filed with the Trustee, a form of coupon bond, and of appurtenant coupons, for the Twenty-Sixth Series and to provide for exchangeability of such coupon bonds with the bonds of the Twenty-Sixth Series issued hereunder in fully registered form and to make all appropriate provisions for such purpose.

Bonds of the Twenty-Sixth Series need not be issued at the same time and such series may be reopened at any time, without notice to or the consent of any then-existing holder or holders of bond of the Twenty-Sixth Series, for issuances of additional bonds of the Twenty-Sixth Series in an unlimited principal amount. Any such additional bonds will have the same interest rate, maturity and other terms as those initially issued.

(II) Bonds of the Twenty-Sixth Series shall bear interest at the rate of four and three tenths per centum (4.30%) per annum payable semi-annually in arrears on March 15 and September 15 of each year (each, an "Interest Payment Date"). Bonds of the Twenty-Sixth Series shall be dated and shall accrue interest as provided in Section 2.06 of the Mortgage.

The initial Interest Payment Date is March 15, 2004. The amount of interest payable will be computed on the basis of a 360-day year consisting of twelve 30-day months. If any date on which interest is payable on any bond of the Twenty-Sixth Series is not a Business Day, then payment of the interest payable on that date will be made on the next succeeding day which is a Business Day (and

without any additional interest or other payment in respect of any delay), with the same force and effect as if made on such date.

Interest payable on any bond of the Twenty-Sixth Series and punctually paid or duly provided for on any Interest Payment Date for such bond will be paid to the person in whose name the bond is registered at the close of business on the Record Date (as hereinafter specified) for such bond next preceding such Interest Payment Date; provided, however, that interest payable at maturity or upon earlier redemption will be payable to the person to whom principal shall be payable. So long as the bonds of the Twenty-Sixth Series remain in book-entry only form, the "Record Date" for each Interest Payment Date shall be the close of business on the Business Day before the applicable Interest Payment Date. If the bonds of the Twenty-Sixth Series are not in book-entry only form, the record date for each Interest Payment Date shall be the close of business on the first calendar day of the month of the applicable Interest Payment Date (whether or not a Business Day).

"Business Day" means, for purposes of this Section (II), a day other than (i) a Saturday or a Sunday, or (ii) a day on which banking institutions in The City of New York are authorized or obligated by law or executive order to remain closed.

Any interest on any bond of the Twenty-Sixth Series which is payable but is not punctually paid or duly provided for, on any Interest Payment Date for such bond (herein called "Defaulted Interest"), shall forthwith cease to be payable to the registered owner on the relevant Record Date for the payment of such interest solely by virtue of such owner having been such owner; and such Defaulted Interest may be paid by the Company, at its election in each case, as provided in subsection (i) or (ii) below:

- (i) The Company may elect to make payment of any Defaulted Interest on the bonds of the Twenty-Sixth Series to the persons in whose names such bonds are registered at the close of business on a Special Record Date (as hereinafter defined) for the payment of such Defaulted Interest, which shall be fixed in the following manner: The Company shall, at least 30 days prior to the proposed date of payment, notify the Trustee in writing (signed by an Authorized Financial Officer of the Company) of the amount of Defaulted Interest proposed to be paid on each bond of the Twenty-Sixth Series and the date of the proposed payment (which date shall be such as will enable the Trustee to comply with the next sentence hereof), and at the same time the Company shall deposit with the Trustee an amount of money equal to the aggregate amount proposed to be paid in respect of such Defaulted Interest or shall make arrangements satisfactory to the Trustee for such deposit on or prior to the date of the proposed payment, such money when deposited to be held in trust for the benefit of the persons entitled to such Defaulted Interest as in this subsection provided and not to be deemed part of the Mortgaged and Pledged Property. Thereupon, the Trustee shall fix a record date (herein referred to as a "Special Record Date") for the payment of such Defaulted Interest which date shall be not more than 15 nor less than 10 days prior to the date of the proposed payment and not less than 10 days after the receipt by the Trustee of the notice of the proposed payment. The Trustee shall promptly notify the Company of such Special Record Date and, in the name and at the expense of the Company, shall cause notice of the proposed payment of such Defaulted Interest and the Special Record Date therefor to be mailed, first-class postage prepaid, to each registered owner of a bond of the Twenty-Sixth Series at his, her or its address as it appears in the bond register not less than 10 days prior to such Special Record Date. Notice of the proposed payment of such Defaulted Interest and the Special Record Date therefor having been mailed as aforesaid, such Defaulted Interest shall be paid to the persons in whose names the bonds of the Twenty-Sixth Series are registered at the close of business on such Special Record Date and shall no longer be payable pursuant to the following subsection (ii).

- (ii) The Company may make payment of any Defaulted Interest on the bonds of the Twenty-Sixth Series in any other lawful manner not inconsistent with the requirements of any securities exchange on which such bonds may be listed and upon such notice as may be required by such exchange, if, after notice given by the Company to the Trustee of the proposed payment pursuant to this subsection, such payment shall be deemed practicable by the Trustee.

Subject to the foregoing provisions of this Section, each bond of the Twenty-Sixth Series delivered under the Mortgage upon transfer of or in exchange for or in lieu of any other bond shall carry all rights to interest accrued and unpaid, and to accrue, which were carried by such other bond and each such bond shall bear interest from such date, that neither gain nor loss in interest shall result from such transfer, exchange or substitution.

(III) The principal of and interest and premium, if any, on each bond of the Twenty-Sixth Series shall be payable at the office or agency of the Company in the Borough of Manhattan, The City of New York, in such coin or currency of the United States of America as at the time of payment is legal tender for public and private debts or in such other currency or currency unit as shall be determined by or in accordance with the Resolution filed with the Trustee.

(IV) Bonds of the Twenty-Sixth Series shall not be redeemable prior to maturity at the option of any holder or holders of such bonds. Bonds of the Twenty-Sixth Series shall be redeemable in whole or in part and at any time prior to maturity at the option of the Company. The redemption price shall include accrued and unpaid interest to the redemption date on the bonds to be redeemed, plus the greater of (a) one hundred per centum (100%) of the principal amount of bonds then Outstanding to be redeemed, or (b) the sum of the present values of the remaining scheduled payments of principal and interest thereon (not including any portion of such payments of interest accrued as of the redemption date) discounted to the redemption date on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Adjusted Treasury Rate, plus 10 basis points, as calculated by an Independent Investment Banker. The Company shall give the Trustee notice of such redemption price immediately after the calculation thereof, and the Trustee shall have no responsibility for such calculation. If the Company elects to partially redeem the bonds of the Twenty-Sixth Series, the Trustee shall select in a fair and appropriate manner the bonds of the Twenty-Sixth Series to be redeemed.

"Adjusted Treasury Rate" means, with respect to any redemption date, the yield, under the heading which represents the average for the immediately preceding week, appearing in the most recently published statistical release designated "H.15(519)" or any successor publication which is published weekly by the Board of Governors of the Federal Reserve System and which establishes yields on actively traded United States Treasury securities adjusted to constant maturity under the caption "Treasury Constant Maturities," for the maturity corresponding to the Comparable Treasury Issue (if no maturity is within three months before or after the Remaining Life, yields for the two published maturities most closely corresponding to the Comparable Treasury Issue will be determined and the Adjusted Treasury Rate will be interpolated or extrapolated from such yields on a straight line basis, rounding to the nearest month); or if such release (or any successor release) is not published during the week preceding the calculation date or does not contain such yields, the rate per annum equal to the semi-annual equivalent yield to maturity of the Comparable Treasury Issue, calculated using a price for the Comparable Treasury Issue (expressed as a percentage of its principal amount) equal to the Comparable Treasury Price for such Redemption Date. The Adjusted Treasury Rate will be calculated on the third Business Day preceding the redemption date.

"Business Day" means, for purposes of this Section (IV), a day other than (i) a Saturday or a Sunday, or (ii) a day on which banking institutions in The City of New York are authorized or obligated by law or executive order to remain closed.

"Comparable Treasury Issue" means the United States Treasury security selected by an Independent Investment Banker as having a maturity comparable to the remaining term of the bonds of the Twenty-Sixth Series to be redeemed that would be used, at the time of selection and in accordance with customary financial practice, in pricing new issues of corporate debt securities of comparable maturity to the remaining term of such bonds (the "Remaining Life").

"Comparable Treasury Price" means (a) the average of four Reference Treasury Dealer Quotations for such redemption date, after excluding the highest and lowest Reference Treasury Dealer Quotations, or (b) if the Independent Investment Banker obtains fewer than four such Reference Treasury Dealer Quotations, the average of all such quotations.

"Independent Investment Banker" means one of the Reference Treasury Dealers appointed by the Company and its successors, or if that firm is unwilling or unable to serve as such, an independent investment and banking institution of national standing appointed by the Company.

"Reference Treasury Dealer" means: (a) each of Barclays Capital Inc., Banc One Capital Markets, Inc. and their respective successors; provided that, if one of these parties ceases to be a primary U.S. Government securities dealer in New York City ("Primary Treasury Dealer"), the Company will substitute another Primary Treasury Dealer; and (b) up to two other Primary Treasury Dealers selected by the Company.

"Reference Treasury Dealer Quotations" means, with respect to each Reference Treasury Dealer and any redemption date, the average, as determined by the Independent Investment Banker, of the bid and asked prices for the Comparable Treasury Issue (expressed in each case as a percentage of its principal amount) quoted in writing to the Independent Investment Banker at 5:00 p.m., New York City time, on the third Business Day preceding such redemption date.

(V) Each bond of the Twenty-Sixth Series may have such other terms as are not inconsistent with Section 2.03 of the Mortgage, and as may be determined by or in accordance with a Resolution filed with the Trustee.

(VI) At the option of the registered owner, any bonds of the Twenty-Sixth Series, upon surrender thereof for cancellation at the office or agency of the Company in the Borough of Manhattan, The City of New York, shall be exchangeable for a like aggregate principal amount of bonds of the same series and same terms of other authorized denominations.

(VII) Bonds of the Twenty-Sixth Series shall be transferable, subject to any restrictions thereon set forth in any such bond of the Twenty-Sixth Series, upon the surrender thereof for cancellation, together with a written instrument of transfer, if required by the Company, duly executed by the registered owner or by his duly authorized attorney, at the office or agency of the Company in the Borough of Manhattan, The City of New York. Upon any transfer or exchange of bonds of the Twenty-Sixth Series, the Company may make a charge therefor sufficient to reimburse it for any tax or taxes or other government charge, as provided in Section 2.08 of the Mortgage, but the Company hereby waives any right to make a charge in addition thereto for any exchange or transfer of bonds of the Twenty-Sixth Series.

(VIII) After the execution and delivery of this Sixteenth Supplemental Indenture and upon compliance with the applicable provisions of the Mortgage and this Sixteenth Supplemental Indenture, it is contemplated that there shall be issued bonds of the Twenty-Sixth Series in an initial aggregate principal amount of Two Hundred Million Dollars (U.S. \$200,000,000).

ARTICLE II
Twenty-Seventh Series of Bonds

SECTION 2.01. There shall be a series of bonds designated "5.45% Series due 2013" (herein sometimes referred to as the Twenty-Seventh Series), each of which shall also bear the descriptive title "First Mortgage Bond," and the form thereof, which shall be established by or pursuant to a Resolution, shall contain suitable provisions with respect to the matters hereinafter in this Section specified.

(I) Bonds of the Twenty-Seventh Series shall mature on September 15, 2013 and shall be issued as fully registered bonds in the denomination of One Thousand Dollars and, at the option of the Company, any multiple or multiples of One Thousand Dollars (the exercise of such option to be evidenced by the execution and delivery thereof).

The Company reserves the right to establish, at any time, by or pursuant to a Resolution filed with the Trustee, a form of coupon bond, and or appurtenant coupons, for the Twenty-Seventh Series and to provide for exchangeability of such coupon bonds with the bonds of the Twenty-Seventh Series issued hereunder in fully registered form and to make all appropriate provisions for such purpose.

Bonds of the Twenty-Seventh Series need not be issued at the same time and such series may be reopened at any time, without notice to or the consent of any then-existing holder or holders of bond of the Twenty-Seventh Series, for issuances of additional bonds of the Twenty-Seventh Series in an unlimited principal amount. Any such additional bonds will have the same interest rate, maturity and other terms as those initially issued.

(II) Bonds of the Twenty-Seventh Series shall bear interest at the rate of five and forty-five hundredths per centum (5.45%) per annum payable semi-annually in arrears on March 15 and September 15 of each year (each, an "Interest Payment Date"). Bonds of the Twenty-Seventh Series shall be dated and shall accrue interest as provided in Section 2.06 of the Mortgage.

The initial Interest Payment Date is March 15, 2004. The amount of interest payable will be computed on the basis of a 360-day year consisting of twelve 30-day months. If any date on which interest is payable on any bond of the Twenty-Seventh Series is not a Business Day, then payment of the interest payable on that date will be made on the next succeeding day which is a Business Day (and without any additional interest or other payment in respect of any delay), with the same force and effect as if made on such date.

Interest payable on any bond of the Twenty-Seventh Series and punctually paid or duly provided for on any Interest Payment Date for such bond will be paid to the person in whose name the bond is registered at the close of business on the Record Date (as hereinafter specified) for such bond next preceding such Interest Payment Date; provided, however, that interest payable at maturity or upon earlier redemption will be payable to the person to whom principal shall be payable. So long as the bonds of the Twenty-Seventh Series remain in book-entry only form, the "Record Date" for each Interest Payment Date shall be the close of business on the Business Day before the applicable Interest Payment Date. If the bonds of the Twenty-Seventh Series are not in book-entry only form, the record date for each Interest Payment Date shall be the close of business on the first calendar day of the month of the applicable Interest Payment Date (whether or not a Business Day).

"Business Day" means, for purposes of this Section (II), a day other than (i) a Saturday or a Sunday, or (ii) a day on which banking institutions in The City of New York are authorized or obligated by law or executive order to remain closed.

Any interest on any bond of the Twenty-Seventh Series which is payable but is not punctually paid or duly provided for, on any Interest Payment Date for such bond (herein called "Defaulted Interest"), shall forthwith cease to be payable to the registered owner on the relevant Record Date for the

payment of such interest solely by virtue of such owner having been such owner; and such Defaulted Interest may be paid by the Company, at its election in each case, as provided in subsection (i) or (ii) below:

- (i) The Company may elect to make payment of any Defaulted Interest on the bonds of the Twenty-Seventh Series to the persons in whose names such bonds are registered at the close of business on a Special Record Date (as hereinafter defined) for the payment of such Defaulted Interest, which shall be fixed in the following manner: The Company shall, at least 30 days prior to the proposed date of payment, notify the Trustee in writing (signed by an Authorized Financial Officer of the Company) of the amount of Defaulted Interest proposed to be paid on each bond of the Twenty-Seventh Series and the date of the proposed payment (which date shall be such as will enable the Trustee to comply with the next sentence hereof), and at the same time the Company shall deposit with the Trustee an amount of money equal to the aggregate amount proposed to be paid in respect of such Defaulted Interest or shall make arrangements satisfactory to the Trustee for such deposit on or prior to the date of the proposed payment, such money when deposited to be held in trust for the benefit of the persons entitled to such Defaulted Interest as in this subsection provided and not to be deemed part of the Mortgaged and Pledged Property. Thereupon, the Trustee shall fix a record date (herein referred to as a "Special Record Date") for the payment of such Defaulted Interest which date shall be not more than 15 nor less than 10 days prior to the date of the proposed payment and not less than 10 days after the receipt by the Trustee of the notice of the proposed payment. The Trustee shall promptly notify the Company of such Special Record Date and, in the name and at the expense of the Company, shall cause notice of the proposed payment of such Defaulted Interest and the Special Record Date therefor to be mailed, first-class postage prepaid, to each registered owner of a bond of the Twenty-Seventh Series at his, her or its address as it appears in the bond register not less than 10 days prior to such Special Record Date. Notice of the proposed payment of such Defaulted Interest and the Special Record Date therefor having been mailed as aforesaid, such Defaulted Interest shall be paid to the persons in whose names the bonds of the Twenty-Seventh Series are registered at the close of business on such Special Record Date and shall no longer be payable pursuant to the following subsection (ii).
- (ii) The Company may make payment of any Defaulted Interest on the bonds of the Twenty-Seventh Series in any other lawful manner not inconsistent with the requirements of any securities exchange on which such bonds may be listed and upon such notice as may be required by such exchange, if, after notice given by the Company to the Trustee of the proposed payment pursuant to this subsection, such payment shall be deemed practicable by the Trustee.

Subject to the foregoing provisions of this Section, each bond of the Twenty-Seventh Series delivered under the Mortgage upon transfer of or in exchange for or in lieu of any other bond shall carry all rights to interest accrued and unpaid, and to accrue, which were carried by such other bond and each such bond shall bear interest from such date, that neither gain nor loss in interest shall result from such transfer, exchange or substitution.

(III) The principal of and interest and premium, if any, on each bond of the Twenty-Seventh Series shall be payable at the office or agency of the Company in the Borough of Manhattan, The City of New York, in such coin or currency of the United States of America as at the time of payment is legal tender for public and private debts or in such other currency or currency unit as shall be determined by or in accordance with the Resolution filed with the Trustee.

(IV) Bonds of the Twenty-Seventh Series shall not be redeemable prior to maturity at the option of any holder or holders of such bonds. Bonds of the Twenty-Seventh Series shall be redeemable in

whole or in part and at any time prior to maturity at the option of the Company. The redemption price shall include accrued and unpaid interest to the redemption date on the bonds to be redeemed, plus the greater of (a) one hundred per centum (100%) of the principal amount of bonds then Outstanding to be redeemed, or (b) the sum of the present values of the remaining scheduled payments of principal and interest thereon (not including any portion of such payments of interest accrued as of the redemption date) discounted to the redemption date on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Adjusted Treasury Rate, plus 15 basis points, as calculated by an Independent Investment Banker. The Company shall give the Trustee notice of such redemption price immediately after the calculation thereof, and the Trustee shall have no responsibility for such calculation. If the Company elects to partially redeem the bonds of the Twenty-Seventh Series, the Trustee shall select in a fair and appropriate manner the bonds of the Twenty-Seventh Series to be redeemed.

"Adjusted Treasury Rate" means, with respect to any redemption date, the yield, under the heading which represents the average for the immediately preceding week, appearing in the most recently published statistical release designated "H.15(519)" or any successor publication which is published weekly by the Board of Governors of the Federal Reserve System and which establishes yields on actively traded United States Treasury securities adjusted to constant maturity under the caption "Treasury Constant Maturities," for the maturity corresponding to the Comparable Treasury Issue (if no maturity is within three months before or after the Remaining Life; yields for the two published maturities most closely corresponding to the Comparable Treasury Issue will be determined and the Adjusted Treasury Rate will be interpolated or extrapolated from such yields on a straight line basis, rounding to the nearest month); or if such release (or any successor release) is not published during the week preceding the calculation date or does not contain such yields, the rate per annum equal to the semi-annual equivalent yield to maturity of the Comparable Treasury Issue, calculated using a price for the Comparable Treasury Issue (expressed as a percentage of its principal amount) equal to the Comparable Treasury Price for such Redemption Date. The Adjusted Treasury Rate will be calculated on the third Business Day preceding the redemption date.

"Business Day" means, for purposes of this Section (IV), a day other than (i) a Saturday or a Sunday, or (ii) a day on which banking institutions in The City of New York are authorized or obligated by law or executive order to remain closed.

"Comparable Treasury Issue" means the United States Treasury security selected by an Independent Investment Banker as having a maturity comparable to the remaining term of the bonds of the Twenty-Seventh Series to be redeemed that would be used, at the time of selection and in accordance with customary financial practice, in pricing new issues of corporate debt securities of comparable maturity to the remaining term of such bonds (the "Remaining Life").

"Comparable Treasury Price" means (a) the average of four Reference Treasury Dealer Quotations for such redemption date, after excluding the highest and lowest Reference Treasury Dealer Quotations, or (b) if the Independent Investment Banker obtains fewer than four such Reference Treasury Dealer Quotations, the average of all such quotations.

"Independent Investment Banker" means one of the Reference Treasury Dealers appointed by the Company and its successors, or if that firm is unwilling or unable to serve as such, an independent investment and banking institution of national standing appointed by the Company.

"Reference Treasury Dealer" means: (a) each of Barclays Capital Inc., Banc One Capital Markets, Inc. and their respective successors; provided that, if one of these parties ceases to be a primary U.S. Government securities dealer in New York City ("Primary Treasury Dealer"), the Company will substitute another Primary Treasury Dealer; and (b) up to two other Primary Treasury Dealers selected by the Company.

"Reference Treasury Dealer Quotations" means, with respect to each Reference Treasury Dealer and any redemption date, the average, as determined by the Independent Investment Banker, of the bid and asked prices for the Comparable Treasury Issue (expressed in each case as a percentage of its principal amount) quoted in writing to the Independent Investment Banker at 5:00 p.m., New York City time, on the third Business Day preceding such redemption date.

(V) Each bond of the Twenty-Seventh Series may have such other terms as are not inconsistent with Section 2.03 of the Mortgage, and as may be determined by or in accordance with a Resolution filed with the Trustee.

(VI) At the option of the registered owner, any bonds of the Twenty-Seventh Series, upon surrender thereof for cancellation at the office or agency of the Company in the Borough of Manhattan, The City of New York, shall be exchangeable for a like aggregate principal amount of bonds of the same series and same terms of other authorized denominations.

(VII) Bonds of the Twenty-Seventh Series shall be transferable, subject to any restrictions thereon set forth in any such bond of the Twenty-Seventh Series, upon the surrender thereof for cancellation, together with a written instrument of transfer, if required by the Company, duly executed by the registered owner or by his duly authorized attorney, at the office or agency of the Company in the Borough of Manhattan, The City of New York. Upon any transfer or exchange of bonds of the Twenty-Seventh Series, the Company may make a charge therefor sufficient to reimburse it for any tax or taxes or other government charge, as provided in Section 2.08 of the Mortgage, but the Company hereby waives any right to make a charge in addition thereto for any exchange or transfer of bonds of the Twenty-Seventh Series.

(VIII) After the execution and delivery of this Sixteenth Supplemental Indenture and upon compliance with the applicable provisions of the Mortgage and this Sixteenth Supplemental Indenture, it is contemplated that there shall be issued bonds of the Twenty-Seventh Series in an initial aggregate principal amount of Two Hundred Million Dollars (U.S. \$200,000,000).

ARTICLE III

The Company Reserves the Right to Amend Provisions Regarding Properties Excepted from Lien of Mortgage

SECTION 3.01. The Company reserves the right, without any consent or other action by holders of bonds of the Eighth Series, or any other series of bonds subsequently created under the Mortgage (including the bonds of the Twenty-Sixth Series and the Twenty-Seventh Series), to make such amendments to the Mortgage, as heretofore amended and supplemented, as shall be necessary in order to amend the first proviso to the granting clause of the Mortgage, which proviso sets forth the properties excepted from the Lien of the Mortgage, to add a new exception (10) which shall read as follows:

"(10) allowances allocated to steam-electric generating plants owned by the Company or in which the Company has interests, pursuant to Title IV of the Clean Air Act Amendments of 1990, Pub. L. 101-549, Nov. 15, 1990, 104 Stat. 2399, 42 USC 7651, et seq., as now in effect or as hereafter supplemented or amended."

ARTICLE IV

Miscellaneous Provisions

SECTION 4.01. The right, if any, of the Company to assert the defense of usury against a holder or holders of bonds of the Twenty-Sixth Series, the Twenty-Seventh Series or any subsequent series shall be determined only under the laws of the State of New York.

SECTION 4.02. The terms defined in the Mortgage shall, for all purposes of this Sixteenth Supplemental Indenture, have the meanings specified in the Mortgage. The terms defined in Article I and in Article II of this Sixteenth Supplemental Indenture shall, for purposes of those respective Articles, have the meanings specified in Article I and Article II, respectively, of this Sixteenth Supplemental Indenture.

SECTION 4.03. The Trustee hereby accepts the trusts hereby declared, provided, created or supplemented, and agrees to perform the same upon the terms and conditions herein and in the Mortgage, as hereby supplemented, set forth, including the following:

The Trustee shall not be responsible in any manner whatsoever for or in respect of the validity or sufficiency of this Sixteenth Supplemental Indenture or for or in respect of the recitals contained herein, all of which recitals are made by the Company solely. Each and every term and condition contained in Article XIX of the Mortgage shall apply to and form part of this Sixteenth Supplemental Indenture with the same force and effect as if the same were herein set forth in full, with such omissions, variations and insertions, if any, as may be appropriate to make the same conform to the provisions of this Sixteenth Supplemental Indenture.

SECTION 4.04. Whenever in this Sixteenth Supplemental Indenture either of the Company or the Trustee is named or referred to, this shall, subject to the provisions of Articles XVIII and XIX of the Mortgage, be deemed to include the successors and assigns of such party, and all the covenants and agreements in this Sixteenth Supplemental Indenture contained by or on behalf of the Company, or by or on behalf of the Trustee, shall, subject as aforesaid, bind and inure to the respective benefits of the respective successors and assigns of such parties, whether so expressed or not.

SECTION 4.05. Nothing in this Sixteenth Supplemental Indenture, expressed or implied, is intended, or shall be construed to confer upon, or to give to, any person, firm or corporation, other than the parties hereto and the holders of the bonds and coupons outstanding under the Mortgage, any right, remedy or claim under or by reason of this Sixteenth Supplemental Indenture or any covenant, condition, stipulation, promise or agreement hereof, and all the covenants, conditions, stipulations, promises and agreements in this Sixteenth Supplemental Indenture contained by or on behalf of the Company shall be for the sole and exclusive benefit of the parties hereto, and of the holders of the bonds and of the coupons outstanding under the Mortgage.

SECTION 4.06. This Sixteenth Supplemental Indenture shall be executed in several counterparts, each of which shall be an original and all of which shall constitute but one and the same instrument.

ARTICLE V Specific Description of Property

The properties of the Company, owned as of the date hereof, and used (or held for future development and use) in connection with the Company's electric utility systems, or for other purposes, as follows:

A—ELECTRIC SUBSTATIONS AND SWITCHYARDS

South Jordan Substation

Lands in SALT LAKE County, State of UTAH

PARCEL 1 Beginning North 0°03'10" East 1815 feet from the South Quarter Corner of Section 15, Township 3 South, Range 1 West, Salt Lake Base and Meridian, and running

thence East 327.73 feet; thence North $0^{\circ}03'10''$ East 165 feet; thence West 327.73 feet; thence South $0^{\circ}03'10''$ West 165 feet to the point of beginning.

PARCEL II Tract A Beginning at a point North $0^{\circ}03'10''$ East 1542 feet from the South Quarter Corner of Section 15, Township 3 South, Range 1 West, Salt Lake Base and Meridian; thence North $0^{\circ}03'10''$ East 168 feet; thence East 327.72 feet; thence South $0^{\circ}03'10''$ West 168 feet; thence West 327.72 feet to the point of beginning.

Tract B Beginning at a point North $0^{\circ}03'10''$ East 1539.5 feet from the South Quarter Corner of Section 15, Township 3 South, Range 1 West, Salt Lake Base and Meridian; thence North $0^{\circ}03'10''$ East 2.5 feet; thence East 214.5 feet; thence South $0^{\circ}03'10''$ West 2.5 feet; thence West 214.5 feet to the point beginning.

Less street.

PARCEL III Beginning at a point which is South along the Section line 825.00 feet from the Center of Section 15, Township 3 South, Range 1 West, Salt Lake Base and Meridian and running thence South 105.00 feet; thence East 414.86 feet; thence North 105 feet; thence West 414.86 feet to the point of beginning.

Less and Excepting Beginning at a point which is North $0^{\circ}03'10''$ East 1815 feet and East 327.72 feet from the South Quarter Corner of Section 15, Township 3 South, Range 1 West, Salt Lake Base and Meridian and running thence South $0^{\circ}03'10''$ West 105 feet; thence East 87.14 feet; thence North $0^{\circ}03'10''$ East 105 feet; thence West 87.14 feet to the point of beginning.

Plain City Substation (amended and related description)

Lands in WEBER County, State of UTAH

PARCEL I A part of the Northwest Quarter of Section 34, Township 7 North, Range 2 West, Salt Lake Meridian, U.S. Survey: Beginning at a point $38\frac{1}{2}$ rods (633.6 feet) NORTH and $6\frac{1}{2}$ rods (112.2 feet) WEST of the Southeast Corner of said Quarter Section; thence WEST 15 rods (247.5 feet); thence NORTH 80 rods (1320 feet); thence EAST 15 rods (247.5 feet); thence SOUTH 80 rods (1320 feet) to the place of beginning, containing 7.5 acres, more or less.

PARCEL II Part of the Northwest Quarter of Section 34, Township 7 North, Range 2 West, Salt Lake Meridian, U.S. Survey: Beginning at a point 38.4 rods (633.6 feet) NORTH and 6.8 rods (112.2 feet) WEST of the Southeast corner of said Quarter Section; running thence WEST 149.16 feet to grantor's Northwest corner; thence SOUTH 100 feet, more or less, to Plain City Canal; thence EAST along canal to a point SOUTH of beginning; thence NORTH 100 feet, more or less, to beginning; containing 0.34 acres, more or less.

B—OFFICE BUILDINGS

Piper Impact Service Center

Lands in SUMMIT County, State of UTAH

All of Lot 5, SILVER CREEK COMMERCE CENTER PLAT "C", Amended; according to the Official Plat thereof, on file and of record in the Office of the Summit County Recorder.

BOOK 250 PAGE 161

Bend Tech Ops Service Center

Lands in DESCHUTES County, State of OREGON

Lot 1 in Block 5, SHELVIN CENTER, City of Bend, Deschutes County, Oregon.

IN WITNESS WHEREOF, PACIFICORP has caused its corporate name to be hereunto affixed,
and this instrument to be signed and sealed by an Authorized Executive Officer of the Company, and
its corporate seal to be attested to by its Treasurer for and in its behalf, and JPMorgan Chase Bank has

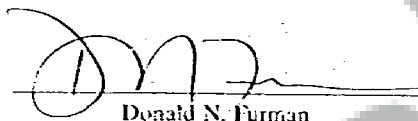
BOOK 250 PAGE 162

caused its corporate name to be hereunto affixed, and this instrument to be signed and sealed by one of its Vice Presidents, and its corporate seal to be attested to by one of its Trust Officers, all as of the day and year first above written.

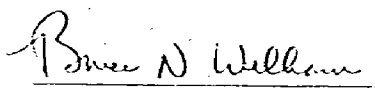
[SEAL]

PACIFICORP

By


Donald N. Furman
Senior Vice President

Attest:


Bruce N. Williams
Treasurer


[SEAL]

JPMORGAN CHASE BANK
as Trustee

By


James D. Heaney
Vice President

Attest:


Virginia Dominguez
Trust Officer

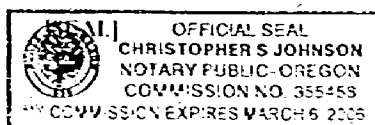
STATE OF OREGON

COUNTY OF MULTNOMAH

)
)
) SS:

On this 5th day of September, 2003, before me, Christopher S. Johnson, a Notary Public in and for the State of Oregon, personally appeared Donald N. Furman and Bruce N. Williams, known to me to be a Senior Vice President and Treasurer, respectively, of PACIFICORP, an Oregon corporation, who being duly sworn, stated that the seal affixed to the foregoing instrument is the corporate seal of said corporation and acknowledged this instrument to be the free, voluntary, and in all respects duly and properly authorized act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year first above written.



[Signature]
Residing at: Portland, Oregon

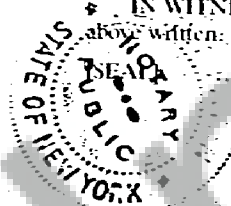
STATE OF NEW YORK

COUNTY OF NEW YORK

)
)
) SS:

On this 5th day of September, 2003, before me, Emily Fay, a Notary Public in and for the State of New York, personally appeared James D. Heaney and Virginia Dominguez, known to me to be a Vice President and a Trust Officer, respectively, of JPMORGAN CHASE BANK, a New York corporation, who being duly sworn, stated that the seal affixed to the foregoing instrument is the corporate seal of said corporation and acknowledged this instrument to be the free, voluntary, and in all respects duly and properly authorized act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year first above written.



[Signature]
Notary Public, State of New York

EMILY FAY
Notary Public, State of New York
No. 01FA4737006
Qualified in Kings County
Certificate Filed in New York County
Commission Expires Dec. 31, 2005