PUBLIC SERVICE ENTERPRISE GROUP INC Form 11-K June 28, 2004

> UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

> > FORM 11-K

(Mark One)

[X] ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 (NO FEE REQUIRED)

For the year ended December 31, 2003

OR

[] TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 (NO FEE REQUIRED)

Commission File Number 001-09120

A. Full title of the plan and the address of the plan, if different from that of the issuer named below:

PUBLIC SERVICE ENTERPRISE GROUP INCORPORATED

THRIFT AND TAX-DEFERRED SAVINGS PLAN

B. Name of issuer of the securities held pursuant to the plan and the address of its principal executive office:

PUBLIC SERVICE ENTERPRISE GROUP INCORPORATED

80 PARK PLAZA

NEWARK, NEW JERSEY 07102

MAILING ADDRESS: P.O. Box 1171

NEWARK, NEW JERSEY 07101-1171

PUBLIC SERVICE ENTERPRISE GROUP INCORPORATED THRIFT AND TAX-DEFERRED SAVINGS PLAN

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REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Trustees and Participants of the Thrift and Tax-Deferred Savings Plan of Public Service Enterprise Group Incorporated:

We have audited the accompanying statements of net assets available for benefits of the Public Service Enterprise Group Incorporated Thrift and Tax-Deferred Savings Plan (the "Plan") as of December 31, 2003 and 2002, and the related statement of changes in net assets available for benefits for the year ended December 31, 2003. These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and

significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, such financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2003 and 2002, and the changes in net assets available for benefits for the year ended December 31, 2003 in conformity with accounting principles generally accepted in the United States of America.

/s/ DELOITTE & TOUCHE LLP
Parsippany, New Jersey
June 23, 2004

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PUBLIC SERVICE ENTERPRISE GROUP INCORPORATED THRIFT AND TAX-DEFERRED SAVINGS PLAN

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS

	As of December 31,	
	2003	2002
ASSETS Investments, at Fair Value- Plan Interest in Master Employee Benefit Plan Trust (Note 3)	\$782,740,790	\$647,126,221
Receivables: Deposits and Contributions - Employees Deposits and Contributions - Employer Due from Broker for Securities Sold Interest and Dividends	582,543 1,786,918 584	,
Total Receivables	4,160,903	2,084,706
Total Assets	786,901,693	649,210,927

Due to Broker for Securities Purchased Accounts Payable Accrued Expenses	2,161,043 672,594 544,756	40,989 395,992 356,662
Total Liabilities	3,378,393	793,643
NET ASSETS AVAILABLE FOR BENEFITS	\$783,523,300	\$648,417,284

See Notes to Financial Statements.

PUBLIC SERVICE ENTERPRISE GROUP INCORPORATED THRIFT AND TAX-DEFERRED SAVINGS PLAN

STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS FOR THE YEAR ENDED DECEMBER 31, 2003

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ADDITIONS Net Investment Income Plan Interest in Master Employee Benefit Plan Trust (Note 3) \$120,131,953 Deposits and Contributions 37,819,040 Employees 12,880,381 Employer _____ Total Deposits and Contributions 50,699,421 Transfer from Employee Savings Plan--Net 1,479,256 _____ Total Additions 172,310,630 _____ DEDUCTIONS Benefit Payments to Participants 36,084,004 Administrative Expenses 1,120,610 _____ Total Deductions 37,204,614 _____

INCREASE IN NET ASSETS AVAILABLE FOR BENEFITS	135,106,016
NET ASSETS AVAILABLE FOR BENEFITS	
Beginning of Year	648,417,284
End of Year	\$783,523,300

See Notes to Financial Statements.

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PUBLIC SERVICE ENTERPRISE GROUP INCORPORATED THRIFT AND TAX-DEFERRED SAVINGS PLAN

NOTES TO FINANCIAL STATEMENTS AS OF DECEMBER 31, 2003 AND 2002 AND FOR THE YEAR ENDED DECEMBER 31, 2003

1. DESCRIPTION OF THE PLAN

General

The following description of the Public Service Enterprise Group Incorporated (Company) Thrift and Tax-Deferred Savings Plan (Plan) is provided for general information purposes only. Participants (any person who has an interest in the Trust Fund) should refer to the Plan Document for more complete information.

The Plan is a defined contribution plan covering substantially all non-bargaining unit employees of the Company and its Participating Affiliates (each, an Employer). The Company's Employee Benefits Committee is the Named Fiduciary of the Plan and controls and manages its operation and administration. Until September 30, 2003, Deutsche Bank Trust Company Americas served as the Trustee of the Plan. The Bank of New York became the Trustee of the Plan effective October 1, 2003 (each a Trustee and, collectively, the Trustees). Hewitt Associates is the record keeper of the Plan. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (ERISA).

The majority of the Plan's investment assets are held in a trust account by the Trustee and consist of an undivided interest in an investment account of the Master Employee Benefit Trust (the Master Trust), a master trust established by the Company and administered by the Trustee.

During 2002, through a subsidiary, the Company acquired Wisvest Connecticut LLC. As a result of this transaction, the savings plan of the acquired company was merged with and into the Plan and the Public Service Enterprise Group

Incorporated Employee Savings Plan (Savings Plan), effective December 31, 2002, and Participant account balances of \$4,223,854 were transferred into the Plan as of December 31, 2002. The Plan was amended and restated effective December 31, 2002 to reflect the Wisvest acquisition and the immediate vesting of all Employer Contributions.

Contributions

Each year, Participants may contribute from 1% to 8% of their annual compensation, as defined in the Plan, subject to certain Internal Revenue Code (IRC) limitations (Basic Deposits). The Participant's Employer contributes 50% of this Basic Deposit amount as its matching contribution to the Plan (Employer Contributions). A Participant's Employer begins matching contributions when that Participant has completed one Year of Service, as defined in the Plan, with his/her Employer. Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans.

Prior to February 1, 2002, Employer Contributions in excess of 6% and up to 8% of compensation were made in shares of the Company's Common Stock, and were not available for transfer to any other investment fund or withdrawal from the Plan prior to the Participant's termination of employment. Effective March 1, 2002, Employer Contributions are made in cash and invested according to the Participant's then current investment election and all shares of Company Stock held in a Participant's account are eligible for transfer to any other investment fund, except the Employee Stock Ownership Plan Fund (ESOP Fund).

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NOTES TO FINANCIAL STATEMENTS (CONTINUED)

In addition, a Participant may elect to make supplemental deposits to the Plan in increments of 1% of compensation up to an additional 42% of compensation (Supplemental Deposits), subject to certain IRC limitations, without any corresponding matching Employer Contribution. Participants may designate such Basic and/or Supplemental Deposits as post-income tax contributions (Nondeferred Deposits) or pre-income tax contributions (Deferred Deposits).

Each Participant may, within any Plan Year, make one or more additional lump sum deposits on a nondeferred basis in minimum amounts of \$250 and in such total amounts which, when aggregated with such Participant's Basic Deposits and Supplemental Deposits, do not exceed 50% of his or her compensation for that Plan Year and subject to the limitations of the IRC.

Participant Accounts

Individual accounts are maintained for each Plan Participant. Each Participant's account is credited with the Participant's contributions and allocations of (a) the Employer's contributions and (b) Plan earnings, and charged with an allocation of administrative expenses. Allocations are based on Participant earnings or account balances, as defined. The benefit to which a Participant or beneficiary is entitled upon death, disability or retirement, as applicable, is

the benefit that can be provided from the Participant's vested account.

ESOP Fund Participants receive quarterly payments directly from the Trustees equal to the dividends paid to the Trustees on the shares of the Company's Common Stock held for their account in the ESOP Fund.

Participants who have elected to participate in the Company's Common Stock Fund may elect to have the dividends on the shares of the Common Stock paid directly to the Participant (or beneficiary) in cash or paid to the Participant's account, which will then be reinvested in the Company's Common Stock Fund. These provisions are not applicable with respect to Company Common Stock held in a Participant's Frozen ESOP Account.

Participant Loans

Participants may borrow from their fund accounts up to a maximum of \$50,000 reduced by the highest outstanding loan balance during the past twelve months, whichever is less. The loans are secured by the balance in the Participant's account and bear interest at rates commensurate with local prevailing rates. Principal and interest is paid ratably through payroll deductions. During 2003, the rate of interest on loans granted to Participants was 4.25% until June 30, 2003 and 4.00% effective July 1, 2003. During 2002, the rate of interest on loans granted to Participants was 4.75%.

No amounts may be loaned directly from any ESOP Fund, from any portion of a Participant's Savings Account attributable to transfers from the Cash Balance Plan of Public Service Enterprise Group Incorporated (Cash Balance Plan) or from assets held in the Schwab Personal Choice Retirement Account (PCRA) Fund. No Participant may have more than two loans outstanding at any time.

Payment of Benefits

On termination of service due to retirement, a Participant may elect to receive an amount equal to the value of the Participant's vested interest in his or her account in either a lump-sum amount, or in quarterly or annual installments over a ten-year period. If a Participant's account balance is less than \$5,000 at the time of termination, the Participant will receive an automatic lump-sum payment for the entire account balance. For termination due to death, the Participant's beneficiary will receive lump-sum distribution equal to the value of the Participant's vested interest in his or her account.

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NOTES TO FINANCIAL STATEMENTS (CONTINUED)

Forfeitures

Any nonvested portion of the Participant's account, determined as of the date of severance from employment, shall be forfeited and shall be applied thereafter to reduce a subsequent contribution or contributions of the Employer as provided in the Plan. If such former Participant is rehired and remains employed by an

Employer at the end of the fifth Plan Year after the Plan Year in which such severance occurred, then such nonvested portion of the Participant's Account shall be reinstated by the Employer and the Participant's right thereto shall be determined as if the Participant had not terminated employment, provided that the Participant repays to the Plan the amount of any distribution paid to him or her on account of the severance from employment. For the years ended December 31, 2003 and 2002, forfeitures amounted to \$153,377 and \$194,090, respectively.

Vesting

Except for amounts transferred from the Cash Balance Plan into the Plan, Employer Contributions to a Participant's Thrift Account are fully vested. Amounts transferred from the Cash Balance Plan follow the Cash Balance Plan vesting regulations and vest upon the earliest of a Participant's completion of five years of service with an Employer, attainment of age 65 or approval for benefits under a Company long-term disability plan. All amounts credited to a Participant's ESOP Fund are fully vested.

Penalties Upon Withdrawal

If a Participant withdraws vested Employer Contributions and/or Deposits before they have been in the Plan for twenty-four months, such Participant will lose the matching Employer Contributions on Deposits made during the subsequent three months. Distributions to Participants electing to withdraw Nondeferred Deposits and Employer Contributions are made as soon as practicable after such elections are received by the Plan's record keeper. Nondeferred Deposits may be withdrawn at any time, but certain penalties may apply. Deferred Deposits may not be withdrawn during employment prior to age 59-1/2 except for reasons of extraordinary financial hardship and to the extent permitted by the IRC (hardship withdrawals). Distributions to Participants of approved hardship withdrawals are made as soon as practicable after such approval.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The financial statements of the Plan have been prepared on an accrual basis in accordance with accounting principles generally accepted in the United States of America (GAAP).

Use of Estimates

The preparation of financial statements in conformity with GAAP requires Plan management to make estimates and assumptions that affect the reported amounts of net assets available for benefits and changes therein. Actual results could differ from those estimates.

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NOTES TO FINANCIAL STATEMENTS (CONTINUED)

The Plan utilizes various investment options. The mutual funds invest in various securities including U.S. Government securities, corporate debt instruments and corporate stocks. Investment securities, in general, are exposed to various risks, such as interest rate, credit and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect Participants' account balances and the amounts reported in the financial statements.

Reclassifications

Certain reclassifications of amounts reported in the prior period have been made to conform with the current year presentation.

Investment Valuation and Income Recognition (Master Trust Fund)

The investments in the Master Trust are stated at fair value except for its benefit-responsive investment contracts within the Stable Value Fund, which are recorded at contract value, which approximates fair value. The Plan's investments in the guaranteed annuity contracts of the Stable Value Fund are with various insurance companies and other financial institutions, and are recorded at contract value, which approximates fair value, and are calculated as cost plus accumulated interest less withdrawals. Quoted market prices are used to value all other investments. Shares of mutual funds are valued at the net asset value of shares held by the Plan at year-end. Purchases and sales of securities are recorded on a trade-date basis. Short-Term Investments are stated at cost, which approximates fair market value. Dividend income is recorded on the ex-dividend date. The loans to Participants are valued at outstanding principal balance plus accrued interest, which approximates fair value.

Investment gains and losses from securities transactions are computed using an adjusted cost basis as prescribed by the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure.

Payment of Benefits

Benefit payments to Participants are recorded upon distribution. Amounts allocated to accounts of persons who have elected to withdraw from the plan but have not yet been paid were \$556,070 and \$286,795 as of December 31, 2003 and 2002, respectively.

Administrative Expenses of Plan

All expenses incurred for the administration of the Plan, including taxes and brokerage costs, are deducted from the Master Trust Fund.

Transfers of the ESOP Fund to Thrift Account

Participants are permitted to transfer all, but not less than all, of the shares of the Company's Common Stock from their ESOP Fund to their Thrift Accounts. To affect such transfers, the Trustee will sell the shares of the Company's Common Stock held in the ESOP Fund and invest the proceeds in the Thrift Account Investment Funds designated by the Participant. The cash value of each share of the Company's Common Stock transferred will be equal to the price per share of the Company's Common Stock actually received by the Trustee. Any such transfer is treated as a rollover contribution. 9

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

3. INVESTMENT OF THE PLAN AND SAVINGS PLAN IN THE MASTER TRUST

Certain of the Plan's investment assets are held in a trust account by the Trustee and consist of an undivided interest in an investment account of the Master Trust. Use of the Master Trust permits the commingling of trust assets with the assets of the Savings Plan for investment and administrative purposes. Although assets of both plans are commingled in the Master Trust, the Trustee maintains supporting records for the purpose of allocating the net gain or loss of the investment account to the respective participating plans. The net investment income of the investment assets is allocated by the Trustee to each participating plan based on the relationship of the interest of each plan to the total of the interests of the participating plans. As of December 31, 2003 and 2002, the Plan's interests in such assets of the Master Trust were approximately 60% and 61%, respectively.

	As of December 31,	
	2003	2002
Investments at Fair Value:		
Participant Loans	\$32,754,824	\$32,248,249
Cash and Cash Equivalents	13,739,844	35,714,345
Common Stock of		
Public Service Enterprise Group Incorporated	164,431,925	131,765,788
Mutual Funds	564,442,202	386,914,157
Guaranteed Investment Contracts (GICs)	496,907,855	449,586,297
Schwab PCRA Fund (a)	33,064,452	20,363,052
Total Investments	\$1,305,341,102	\$1,056,591,888

For the Year Ended December 31, 2003

Investment Income:	
Net Appreciation in Fair Value of Mutual Funds	\$117,296,643
Net Appreciation in Fair Value of Common Stock	
of Public Service Enterprise Group Incorporated	44,725,804

Net Appreciation in Fair Value of Schwab PCRA Fund (a)	8,278,691
Interest on Participant Loans	1,896,476
Interest from Mutual Funds	237,114
Interest from Enterprise Common Stock Funds	2,106,954
Interest from GICs	20,114,944
Dividends from Common Stock of Public Service Enterprise Group Incorporated	8,629,026
Total Investment Income, Net	\$203,285,652

(a) Amounts primarily relate to equity investments in stocks and through mutual funds. The net appreciation in fair value is primarily comprised of realized/unrealized gains or losses and dividends earned on these equity investments.

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NOTES TO FINANCIAL STATEMENTS (CONTINUED)

The Master Trust includes the following GICs in the Stable Value Fund as of December 31, 2003 and 2002:

A. Thrift Account Investment Funds

Assets of the Stable Value Funds

The assets of the Stable Value Fund are primarily invested in Traditional GICs or Synthetic GICs with additional investments in the Trustee's Short-Term Investment Fund. All GIC contract values approximate fair values. As of December 31, 2003, the Stable Value Fund was comprised of the following:

Issuer	Туре	Expiration	Effective R
Prudential Life Incurance Company	Traditional	November 30, 2005	6.99%
Prudential Life Insurance Company Bank of America (A)	Synthetic	Open-Ended	8.99% 4.02%
	4	1	
ING Life Insurance & Annuity Co. (A)	Synthetic	Open-Ended	3.64%
John Hancock	Synthetic	Open-Ended	5.75%
JP Morgan Chase (A)	Synthetic	Open-Ended	4.56%
Metropolitan Life (A)	Synthetic	Open-Ended	4.24%
Monumental Life (A)	Synthetic	Open-Ended	4.18%
Rabobank Nederland (A)	Synthetic	Open-Ended	5.49%
State Street Bank and Trust Company	Synthetic	Open-Ended	4.03%
UBS AG (A)	Synthetic	Open-Ended	5.21%

Total GICs Investment in Bank of New York Short-Term Investment Fund

Total Stable Value Fund

(A) Managed by INVESCO Institutional, Inc.

As of December 31, 2002, the Stable Value Fund was comprised of the following:

Issuer	Туре	Expiration	Effective R
Prudential Life Insurance Company	Traditional	November 30, 2005	6.99%
Caisse des Depots	Synthetic	February 3, 2003	2.89%
Bank of America (A)	Synthetic	Open-Ended	5.69%
Bank of America (B)	Synthetic	Open-Ended	4.31%
Bank of America (B)	Synthetic	Open-Ended	4.94%
Continental Assurance Company (B)	Synthetic	Open-Ended	4.94%
ING Life Insurance & Annuity Co. (B)	Synthetic	Open-Ended	2.44%
Allstate Life Insurance Company	Synthetic	Open-Ended	5.54%
State Street Bank and Trust Company	Synthetic	Open-Ended	4.63%
John Hancock	Synthetic	Open-Ended	5.62%
Monumental Life	Synthetic	Open-Ended	5.89%
JP Morgan Chase (B)	Synthetic	Open-Ended	4.25%
JP Morgan Chase (B)	Synthetic	Open-Ended	4.81%
JP Morgan Chase (A)	Synthetic	Open-Ended	6.71%
UBS AG	Synthetic	Open-Ended	6.45%
Total GICs			
Investment in Bank of New York Short-Term	Investment Fund		1.36%

Total Stable Value Fund

(A) Managed by PIMCO Investment Management Company

(B) Managed by INVESCO Institutional, Inc.

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

0.99%

¹¹

Assets of the Enterprise Common Stock Fund

The assets of the Enterprise Common Stock Fund are invested in the Company's Common Stock.

B. ESOP Fund

During 2003 and 2002, no contributions to or transfers into the ESOP Fund were permitted.

C. Schwab PCRA Fund

The Schwab PCRA Fund is a self-directed brokerage account in which Participants can select and manage a wide selection of investments including mutual funds, stocks and bonds. Deposits into the Schwab PCRA Fund must come from balances transferred from the other options in the Plan. Participants may transfer up to 100% of their account balance, less \$500 to pay for certain fees, to the Schwab PCRA Fund.

4. NON-PARTICIPANT DIRECTED INVESTMENTS

As stated previously, prior to March 1, 2002, Employer Contributions for Participants with respect to Basic Deposits in excess of 6% and up to 8% of compensation were made in shares of the Company's Common Stock into the Enterprise Common Stock Fund and were not available for transfer to any other Investment Fund or withdrawal from the Plan prior to the Participant's termination of employment. Information about the net assets and the significant components of the changes in net assets relating to the Plan's interest in the Enterprise Common Stock Fund is as follows:

	As of December
	2003
Net Assets: Enterprise Common Stock Fund	\$ 82,346,841
	For the Year Ended December 31, 2003
Changes in Net Assets: Deposits and Contributions Dividends and Interest Net Appreciation Benefits Paid to Participants Forfeitures Loan Repayments Loans to Participants Administrative Expenses Transfers from Participant-Directed Investments	<pre>\$ 4,500,456 5,453,956 23,332,514 (3,612,829)</pre>

Total Net Change

\$ 11,631,108

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NOTES TO FINANCIAL STATEMENTS (CONCLUDED)

5. FEDERAL INCOME TAX STATUS

The Internal Review Service has determined and informed the Company by letter dated May 25, 2004 that the Plan and related trust are designed in accordance with the applicable sections of the Internal Revenue Code ("IRC"). The Plan has been amended since the issuance of the determination letter; however, the Plan Administrator and the Plan's tax counsel believe that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC.

6. RELATED-PARTY TRANSACTIONS

Certain Plan investments are in the Company's Common Stock. As the Company is the Plan Sponsor, these transactions qualify as party-in-interest transactions. Certain administrative functions are performed by the officers and employees of the Company (who may also be Participants in the Plan) at no cost to the Plan. These transactions are not deemed prohibited party-in-interest transactions, because they are covered by statutory or administrative exemptions from ERISA's rules on prohibited transactions.

As of December 31, 2003 and 2002, the Master Trust held 9,762,984 and 10,924,899 shares, respectively, of the Common Stock of Public Service Enterprise Group Incorporated, the sponsoring employer stock, in Mutual Funds, with a market value per unit of \$15.52 and \$11.48, respectively.

As of December 31, 2003 and 2002, the Master Trust held 291,315 and 308,532 shares, respectively, of the Common Stock of Public Service Enterprise Group Incorporated, the sponsoring employer stock, in the ESOP Fund, with a market value per share of \$43.80 and \$32.10, respectively.

For the year ended December 31, 2003, the Master Trust recorded dividend income of approximately \$9 million from the Common Stock of Public Service Enterprise Group Incorporated.

7. PLAN TERMINATION

Although it has not expressed any intention to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions set forth in ERISA. In the event that the Plan is terminated, all Participants would become 100 percent vested in their account.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the trustees (or other persons who administer the Plan) have duly caused this Annual Report to be signed by the undersigned thereunto duly authorized.

Public Service Enterprise Group Incorporated Employee Thrift and Tax-Deferred Savings Plan (Name of Plan)

By: /s/ Margaret M. Pego

Margaret M. Pego Chairperson of Employee Benefits Committee

Date: June 25, 2004

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EXHIBIT INDEX

Exhibit Number

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Consent of Independent Registered Public Accounting Firm