


BNY MELLON
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To the Unitholders of: *Technology Portfolio Series 5*

In accordance with the Standard Terms and Conditions of the Trust, BNY Mellon, Trustee, submits the following cash basis statement for the calendar year ending December 31, 2009.

Income Account				Securities Acquired - Purchases			
Balance on January 1, 2009		\$	0.00	Date	Shares	Description	Cost
Income Received on Securities			17,226.34	Various	1,468	Accenture Ltd	\$ 52,147.68
Supplemental Deposit Income			4,456.66	Various	3,856	Accenture Plc	146,708.46
Less:				Various	3,421	Agilent Technologies	90,414.63
Trustee Fee and Fund Expenses	\$	2,601.63		Various	4,542	Akamai Technologies	94,214.67
Evaluator Fees		387.26		Various	2,218	Apple Computer Inc	415,160.09
Sponsors Fees		331.92		Various	3,321	Autodesk Inc	83,209.33
Distributions to Unitholders		17,862.41	21,183.22	Various	1,870	Blackboard Inc	70,173.59
Balance on December 31, 2009*		\$	499.78	Various	2,082	Bmc Software Inc	77,160.89
Distributions From the Income Account				Various	3,387	Ca, Inc.	75,418.79
	Date	Rate per Unit	Total per Distribution	Various	17,091	Cisco Systems	395,422.76
Monthly:	09-25-09	\$ 0.00760	\$ 1,691.27	Various	5,642	Cognizant Technology Solutions	220,331.80
	11-25-09	0.01250	7,623.09	Various	1,870	Concur Technologies	70,679.67
	12-25-09	0.01240	8,548.05	Various	13,195	Corning Inc	208,789.58
Total		\$ 0.03250	\$ 17,862.41	Various	4,021	Csg Systems	65,431.10
Principal and Redemption Accounts				Various	8,598	Daktronics Inc	71,980.88
Balance on January 1, 2009		\$	0.00	Various	27,936	Dell Inc	420,004.80
Proceeds Received from Sale, Maturity, Liquidation or Redemption of Securities			125,721.13	Various	1,731	Dolby Laboratories Inc	71,132.19
Receipts from Supplemental Deposits			7,540,923.65	Various	12,191	Ebay Inc	283,909.23
Proceeds Received for Reinvestment			58,364.53	Various	14,489	Emc Corporation	241,158.39
Less:				Various	1,119	Factset Research Systems Inc	71,067.12
Payments for Securities Acquired	\$	7,489,326.32		Various	3,881	Flir Systems	104,604.51
Principal Distributions from Capital Account		144,144.97		Various	1,702	Global Payments Inc	81,024.58
Creation and Development Fees		13,516.15		Various	462	Google Inc	238,727.54
Organizational Expenses		45,525.29	7,692,512.73	Various	10,875	Harmonic Inc	68,002.58
Balance on December 31, 2009*		\$	32,496.58	Various	1,939	Harris Corp Inc	75,515.62
Distributions From the Principal Account				Various	5,085	Hewlett-Packard Co	239,046.77
	Date	Rate per Unit	Total per Distribution	Various	23,950	Intel Corp	468,854.54
	12-25-09	\$ 0.20910	\$ 144,144.97	Various	3,142	International Business Machines Corp	382,120.45
Total		\$ 0.20910	\$ 144,144.97	Various	6,808	Ipg Photonics Corporation	95,075.83
Securities Removed From the Portfolio				Various	5,262	Linear Technology Corp	142,488.71
Date	Shares	Description	Proceeds	Various	17,238	Microsoft Corp	456,682.91
Various	4,190	Perot Sys Corp CL A	\$ 125,721.13	Various	18,550	Oracle Corp	405,423.16
Totals	4,190		\$ 125,721.13	Various	7,093	Paychex Inc	205,787.60
Securities Removed From the Portfolio				Various	4,190	Perot Systems Corp	103,140.68
Date	Shares	Description	Proceeds	Various	7,767	Pmc-Sierra Inc	69,899.38
Various	4,190	Perot Sys Corp CL A	\$ 125,721.13	Various	8,147	Qualcomm Inc	359,431.58
Totals	4,190		\$ 125,721.13	Various	4,215	Saic Inc	76,505.14
Securities Removed From the Portfolio				Various	8,831	Texas Instruments	213,632.48
Date	Shares	Description	Proceeds	Various	4,301	Volterra Semiconductor Corp	70,031.88
Various	4,190	Perot Sys Corp CL A	\$ 125,721.13	Various	10,720	Western Union Co	201,498.80
Totals	4,190		\$ 125,721.13	Various	7,484	Xerox Corp	61,027.78
Securities Removed From the Portfolio				Various	6,430	Xilinx Inc	146,288.15
Date	Shares	Description	Proceeds	Totals	302,120		\$ 7,489,326.32
Various	4,190	Perot Sys Corp CL A	\$ 125,721.13	Per Unit Value Based on the 12/31/09 Bid Evaluation			
Totals	4,190		\$ 125,721.13	Principal Value			Annually
Securities Removed From the Portfolio				Income Value			\$ 11.32060
Date	Shares	Description	Proceeds	Total Value			\$ 11.32170
Various	4,190	Perot Sys Corp CL A	\$ 125,721.13				
Totals	4,190		\$ 125,721.13				

*Statement Regarding Negative Balances. Income Account - A negative balance in the Income Account may be attributed to the payment cycle of the securities in the Portfolio. Distributions may be more or less than the amount credited to the Income Account. Principal and Redemption Accounts - A negative balance in the Principal and Redemption Accounts may be attributed to pending securities sales to meet unit redemptions. Claymore Securities, Inc. of Wheaton, IL purchased Ranson & Associates of Wichita, KS in the fall of 2001 to specialize in the creation and sponsorship of investment company products. Claymore currently serves as sponsor and/or supervisor for unit investment trusts or defined portfolios that date back to 1979.

Stock Splits and Dividends

<i>Date</i>	<i>Shares</i>	<i>Description</i>	<i>Reason</i>
09-01-09	(1,468)	Accenture Ltd	Name change to Accenture PLC
09-01-09	1,468	Accenture Plc	Name change from Accenture LTD

Securities Portfolio As of December 31, 2009

<i>Shares</i>	<i>Description</i>
5,324	Accenture Plc
3,421	Agilent Technologies
4,542	Akamai Technologies
2,218	Apple Computer Inc
3,321	Autodesk Inc
1,870	Blackboard Inc
2,082	Bmc Software Inc
3,387	Ca, Inc.
17,091	Cisco Systems
5,642	Cognizant Technology Solutions
1,870	Concur Technologies
13,195	Corning Inc
4,021	Csg Systems
8,598	Daktronics Inc
27,936	Dell Inc
1,731	Dolby Laboratories Inc
12,191	Ebay Inc
14,489	Emc Corporation
1,119	Factset Research Systems Inc

**Securities Portfolio
As of December 31, 2009 - Continued**

<i>Shares</i>	<i>Description</i>
3,881	Flir Systems
1,702	Global Payments Inc
462	Google Inc
10,875	Harmonic Inc
1,939	Harris Corp Inc
5,085	Hewlett-Packard Co
23,950	Intel Corp
3,142	International Business Machines Corp
6,808	Ipg Photonics Corporation
5,262	Linear Technology Corp
17,238	Microsoft Corp
18,550	Oracle Corp
7,093	Paychex Inc
7,767	Pmc-Sierra Inc
8,147	Qualcomm Inc
4,215	Saic Inc
8,831	Texas Instruments
4,301	Volterra Semiconductor Corp
10,720	Western Union Co
7,484	Xerox Corp
6,430	Xilinx Inc
297,930	
719,599	Units Outstanding