UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13D

Under the Securities Exchange Act of 1934*
(Amendment No. 1)

MONTPELIER RE HOLDINGS LTD.

(Name of Issuer)

Common Shares, par value 1/6 of a cent per share

(Title of Class of securities)

G62185 10 6

(CUSIP Number)

Robert Seelig, Esq. Vice President and General Counsel White Mountains Insurance Group, Ltd. 80 South Main Street Hanover, New Hampshire 03755 (603) 640-2200

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communication)

March 15, 2004

(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box. o

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See §240.13d-7(b) for other parties to whom copies are to be sent.

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

5. Check if Disclosure of Legal Proceedings is Required Pursuant to Items 2(d) or 2(e)

Source of Funds (See Instructions)

Not applicable.

6.	Citizenship or Place of Organ Bermuda	ization		
Numbe Shares		7.	Sole Voting Power	
Benefic Owned Each	by	8.	Shared Voting Power 13,472,357.5*	
Reporti Person With		9.	Sole Dispositive Power 0	
		10.	Shared Dispositive Power 13,472,357.5*	
11.	Aggregate Amount Beneficia 13,472,357.5*	lly Owned	by Each Reporting Person	
12.				
13.	Percent of Class Represented 19.1%*	by Amoun	in Row (11)	
14.	Type of Reporting Person (Se	e Instructio	ns)	
	beneficially owns (through who shares of Common Stock of the	olly owned Issuer at a nareholder (ares of record of Common Stock, par value 1/6 cent per share of Montpelier Re affiliates) 6,300,000 shares of Common Stock of the Issuer and non-voting warr price of \$16.67 per share through January 3, 2012 which are currently exercisal owning more than 9.5% of its shares of Common Stock to 9.5% of the total votir in 5(b) to this Schedule 13D.	ants to acquire 7,172,357.5 ble. The Issuer's By-laws reduce
	CUSIP No. <u>G62185 10 (</u>	<u> </u>		
1.	Names of Reporting Persons. Fund American Reinsurance I.R.S. Identification Nos. of a			
2.	2. Check the Appropriate Box if a Member of a Group (See Instructions)			(a) (b) (c
3.	SEC Use Only			
4.	Source of Funds (See Instruct Not applicable.	ions)		
5.	Check if Disclosure of Legal	Proceeding	s is Required Pursuant to Items 2(d) or 2(e)	(
6.	6. Citizenship or Place of Organization Bermuda			
Numbe Shares Benefic		7.	Sole Voting Power 0	
Owned Each	by	8.	Shared Voting Power 5,846,683.6*	
Reporti Person With	ing	9.	Sole Dispositive Power 0	
		10.	Shared Dispositive Power 5,846,683.6*	

	5,846,683.6*			
12.				
13.	Percent of Class Represented by Amount in Row (11) 8.3%*			
14.	Type of Reporting Person (See Instructions) IC, CO			
	The amounts shown in rows (8), \$16.67 per share through January		(11) consist of non-voting warrants to acquire 5,846,683.6 shares of Common Stock of the Issuer at a price o which are currently exercisable.	f
,	CUSIP No. <u>G62185 10 6</u>			
1.	Names of Reporting Persons. OneBeacon Insurance Company I.R.S. Identification Nos. of abo 23-1502700		ons (entities only)	
2.	Check the Appropriate Box if a	Member		a) b)
3.	. SEC Use Only			
4.	. Source of Funds (See Instructions) Not applicable.			
5.	Check if Disclosure of Legal Pr	oceeding	gs is Required Pursuant to Items 2(d) or 2(e)	
6.	Citizenship or Place of Organiz Pennsylvania	ation		
Number Shares		7.	Sole Voting Power 0	
Benefic Owned Each	by	8.	Shared Voting Power 3,600,000*	
Reportii Person With	ng	9.	Sole Dispositive Power 0	
		10.	Shared Dispositive Power 3,600,000*	
11.				
12.	c. Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)			
13.	Percent of Class Represented by Amount in Row (11) 5.7%*			
14.	4. Type of Reporting Person (See Instructions) IC, CO			
			ng power of any shareholder owning more than 9.5% of its shares of Common Stock to 9.5% of the total voti further described in Item 5(b) to this Schedule 13D.	ng

11. Aggregate Amount Beneficially Owned by Each Reporting Person

(CUSIP No. <u>G62185 10 6</u>					
1.	Names of Reporting Persons. Pennsylvania General Insuranc I.R.S. Identification Nos. of ab 23-1471444					
2.				(a) o		
3.						
4.	Source of Funds (See Instructions) Not applicable.					
5.					C	
6.	Citizenship or Place of Organiz Pennsylvania	zation				
Number Shares		7.	Sole Voting Power			
Benefici Owned l Each	by	8.	Shared Voting Power 1,800,000*			
Reportir Person With	ng	9.	Sole Dispositive Power			
		10.	Shared Dispositive Power 1,800,000			
11.	Aggregate Amount Beneficiall 1,800,000	y Owned	by Each Reporting Person			
12.	Check if the Aggregate Amour	nt in Row	(11) Excludes Certain Shares (See	Instructions)		0
13.	3. Percent of Class Represented by Amount in Row (11) 2.8%					
14.	4. Type of Reporting Person (See Instructions) IC, CO					
			g power of any shareholder ownin urther described in Item 5(b) to thi		of Common Stock to 9.5% of the total	voting
(CUSIP No. <u>G62185 10 6</u>					
1.	Names of Reporting Persons. The Camden Fire Insurance As I.R.S. Identification Nos. of ab 21-0418860		ns (entities only)			
2.	Check the Appropriate Box if a	Member	of a Group (See Instructions)			(a) c
3.	SEC Use Only					
4.	. Source of Funds (See Instructions) Not applicable.					
5.						

Aggregate Amount Beneficially Owned by Each Reporting Person

11.

	883,782.6*				
12.	2. Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)				
13.	Percent of Class Represented by Amount in Row (11) 1.3%*				
14. Type of Reporting Person (See Instructions) HC, CO					
	The amounts shown in rows (8), \$16.67 per share through January		(11) consist of non-voting warrants to acquire 883,782.6 shares of Common Stock of the Issuer at a price of which are currently exercisable.	f	
	CUSIP No. <u>G62185 10 6</u>				
1.	Names of Reporting Persons. Folksamerica Reinsurance Com I.R.S. Identification Nos. of abo 13-2997499		ons (entities only)		
2.	Check the Appropriate Box if a	Membe		(a) c (b) c	
3.	3. SEC Use Only				
4.	Source of Funds (See Instructions) WC				
5.	Check if Disclosure of Legal Proceedings is Required Pursuant to Items 2(d) or 2(e)				
6.	Citizenship or Place of Organization New York				
Number Shares Benefic		7.	Sole Voting Power 0		
Owned Each	by	8.	Shared Voting Power 441,891.3*		
Reporting Person With	ng	9.	Sole Dispositive Power 0		
		10.	Shared Dispositive Power 441,891.3*		
11.	11. Aggregate Amount Beneficially Owned by Each Reporting Person 441,891.3*				
12.	. Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)				
13.	Percent of Class Represented by Amount in Row (11) 0.6%*				
14.	Type of Reporting Person (See Instructions) IC, CO				
	The amounts shown in rows (8), \$16.67 per share through January		(11) consist of non-voting warrants to acquire 441,891.3 shares of Common Stock of the Issuer at a price of which are currently exercisable.	f	

This Amendment No. 1 amends the original Schedule 13D ("Original Schedule 13D") dated March 24, 2003 and is filed by the Reporting Persons (as defined herein) pursuant to Section 13(d) of the Securities Exchange Act of 1934 (the "Exchange Act") and the rules and regulations promulgated thereunder. References in the Original Schedule 13D shall hereby be amended to refer to the Reporting Persons set forth in Item 2, below.

The Reporting Persons are filing this Amendment No. 1 as a result of certain inter-company transfers of warrants to purchase shares of Common Stock of the Issuer. On March 15, 2004, following the acquisition by FA Re of 2,390,785.5 warrants ("Warrants") to purchase shares of common stock of the Issuer (as described in the Original 13D), Fund American Reinsurance Company, Ltd. ("FA Re") transferred 883,782.6 Warrants to White Mountains Re Group, Ltd. ("WMRG") and 441,891.3 Warrants to Folksamerica Reinsurance Company ("FRC"). Such Warrants were transferred in full satisfaction of inter-company loans made by each of WMRG and FRC to FA Re at the time of FA Re's initial acquisition of 2,390,785.5 Warrants. Each of FA Re, WMRG and FRC are wholly owned subsidiaries of White Mountains Insurance Group, Ltd. White Mountains Insurance Group, Ltd.'s aggregate beneficial ownership of Common Stock and Warrants to acquire Common Stock of the Issuer did not change as a result of the transactions described herein.

Item 2. Identity and Background

(a)-(f) The names of the persons filing Amendment No. 1 to the Original Schedule 13D are White Mountains Insurance Group, Ltd., a Bermuda company ("WTM"), Fund American Reinsurance Company, Ltd., a Bermuda company ("FA Re"), OneBeacon Insurance Company, a Pennsylvania corporation ("OBIC"), Pennsylvania General Insurance Company, a Pennsylvania corporation ("PGIC"), The Camden Fire Insurance Association, a New Jersey corporation ("CFIA"), White Mountains Re Group, Ltd. ("WMRG"), a Bermuda corporation and Folksamerica Reinsurance Company ("FRC"), a New York corporation. WTM, FA Re, OBIC, PGIC, CFIA, WMRG and FRC are indirect wholly owned subsidiaries of WTM.

The information provided in Item 2 of the Original Schedule 13D shall hereby be amended by the addition of the information with respect to WMRG and FRC set forth below.

WMRG is a holding company. WMRG's headquarters and principal executive office and registered office is located at Clarendon House, 2 Church Street, Hamilton HM 11 Bermuda. Set forth in Schedule A attached hereto, which is incorporated herein by reference, is the name, residence or business address, present principal occupation or employment (and the name, principal business and address of any corporation or other organization in which such employment is conducted) and citizenship of each of WMRG's directors and executive officers. During the last five years, neither WMRG nor, to WMRG's knowledge, any person named in Schedule A hereto has been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors). During the last five years, neither WMRG nor, to WMRG's knowledge, any person named in Schedule A hereto was a party to a civil proceeding of a judicial or administrative body of competent jurisdiction as a result of which such person was or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.

FRC's principal business is property and casualty reinsurance. FRC's headquarters and principal executive office and statutory home office is located at One Liberty Plaza, New York, New York 10006. Set forth in Schedule B attached hereto, which is incorporated herein by reference, is the name, residence or business address, present principal occupation or employment (and the name, principal business and address of any corporation or other organization in which such employment is conducted)

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and citizenship of each of FRC's directors and executive officers. During the last five years, neither FRC nor, to FRC's knowledge, any person named in Schedule B hereto has been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors). During the last five years, neither FRC nor, to FRC's knowledge, any person named in Schedule B hereto was a party to a civil proceeding of a judicial or administrative body of competent jurisdiction as a result of which such person was or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.

Item 5. Interest in Securities of the Issuer

(a) The Reporting Persons beneficially own 13,472,357.5 shares of Common Stock of the Issuer, representing approximately 19.1% of the issued and outstanding shares of Common Stock of the Issuer, based on the Issuer's representation that there were 63,392,597 shares of Common Stock of the Issuer outstanding as of March 1, 2004. The Reporting Persons aggregate beneficial ownership of Common Stock of the Issuer has not changed as a result of the transactions described in this Amendment No. 1 from the aggregate ownership set forth in the Original Schedule 13D.

WTM owns no shares of record of Common Stock of the Issuer and beneficially owns (through FA Re, OBIC, PGIC and CFIA, which are indirect wholly owned subsidiaries of WTM) 6,300,000 shares of Common Stock of the Issuer and non-voting warrants to acquire 7,172,357.5 shares of Common Stock of the Issuer at a price of \$16.67 per share through January 3, 2012 which were currently exercisable. FA Re beneficially owns non-voting warrants to acquire 5,846,683.6 shares of Common Stock of the Issuer, representing approximately 8.3% of the issued and outstanding shares of Common Stock of the Issuer, at a price of \$16.67 per share through January 3, 2012 which were currently exercisable. WMRG beneficially owns non-voting warrants to acquire 883,782.6 shares of Common Stock of the Issuer, representing approximately 1.3% of the issued and outstanding shares of Common Stock of the Issuer, at a price of \$16.67 per share through January 3, 2012 which were currently exercisable. FRC beneficially owns non-voting warrants to acquire 441,891.3 shares of Common Stock of the Issuer, representing less than 1% of the issued and outstanding shares of Common Stock of the Issuer, representing approximately 5.7% of the issued and outstanding shares of Common Stock of the Issuer, representing approximately 5.7% of the issued and outstanding shares of Common Stock of the Issuer, representing approximately 2.8% of the issued and outstanding shares of Common Stock of the Issuer, representing approximately 2.8% of the issued and outstanding shares of Common Stock of the Issuer, representing approximately 2.8% of the issued and outstanding shares of Common Stock of the Issuer, representing approximately 2.8% of the issued and outstanding shares of Common Stock of the Issuer, representing approximately 2.8% of the issued and outstanding shares of Common Stock of the Issuer, representing approximately 2.8% of the issued and outstanding shares of Common Stock of the Issuer, representing approximately 2.8% of the issued and outstanding shares of Com

None of the persons set forth in Schedules A and B beneficially own any shares of Common Stock of the Issuer.

(b) Subject to the foregoing paragraph, the Reporting Persons beneficially own 13,472,357.5 shares of Common Stock of the Issuer as to which they have (i) shared power to vote or direct the vote and (ii) shared power to dispose or direct the disposition. WTM owns no shares of record of Common Stock of the Issuer and beneficially owns 6,300,000 shares of Common Stock of the Issuer and non-voting warrants to acquire 7,172,357.5 shares of Common Stock of the

Issuer as to which it has (i) shared power to vote or direct the vote and (ii) shared power to dispose or direct the disposition. FA Re beneficially owns non-voting warrants to acquire 5,846,683.6 shares of Common Stock of the Issuer as to which it has (i) shared power to vote or direct the vote and (ii) shared power to dispose or direct the disposition. WMRG beneficially owns non-voting warrants to acquire 883,782.6 shares of Common Stock of the Issuer as to which it has (i) shared power to vote or direct the vote and (ii) shared power to dispose or direct the disposition. FRC beneficially owns non-voting warrants to acquire 441,891.3 shares of Common Stock of the Issuer as to which it has (i) shared power to vote or direct the vote and (ii) shared power to dispose or direct the disposition. OBIC beneficially owns

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3,600,000 shares of Common Stock of the Issuer as to which it has (i) shared power to vote or direct the vote and (ii) shared power to dispose or direct the disposition. PGIC beneficially owns 1,800,000 shares of Common Stock of the Issuer as to which it has (i) shared power to vote or direct the vote and (ii) shared power to dispose or direct the disposition. CFIA beneficially owns 900,000 shares of Common Stock of the Issuer as to which it has (i) shared power to vote or direct the vote and (ii) shared power to dispose or direct the disposition.

Item 7. Material to Be Filed as Exhibits

The following documents are filed as exhibits:

Exhibit
Number Exhibit Name

1. Agreement dated as of March 31, 2004, among White Mountains Insurance Group, Ltd., Fund American Reinsurance Company, Ltd., OneBeacon Insurance Company, Pennsylvania General Insurance Company, The Camden Fire Insurance Association, White Mountains Re Group, Ltd and Folksamerica Reinsurance Company.

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: April 1, 2004

WHITE MOUNTAINS INSURANCE GROUP, LTD.

by /s/ ROBERT SEELIG

Name: Robert Seelig

Title: Vice President and General Counsel

FUND AMERICAN REINSURANCE COMPANY, LTD.

by /s/ RAYMOND BARRETTE

Name: Raymond Barrette
Title: Vice President

ONEBEACON INSURANCE COMPANY

by /s/ JOHN CAVOORES

Name: John Cavoores Title: President

PENNSYLVANIA GENERAL INSURANCE COMPANY

by /s/ JOHN CAVOORES

Name: John Cavoores Title: President

THE CAMDEN FIRE INSURANCE ASSOCIATION

by /s/ JOHN CAVOORES

Name: John Cavoores Title: President

WHITE MOUNTAINS RE GROUP, LTD.

by /s/ RAYMOND BARRETTE

Name: Raymond Barrette

Title: President

FOLKSAMERICA REINSURANCE COMPANY

by /s/ STEVEN E. FASS

Name: Steven E. Fass

Title: President and Chief Executive Officer

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SCHEDULE A

The following is a list of the executive officers and directors of White Mountains Re Group, Ltd. ("WMRG"), setting forth, for each person, the name, residence or business address, present principal occupation or employment and the name, principal business and address of any corporation or other organization in which such employment is conducted. Unless otherwise indicated, all directors and officers listed below are citizens of the United States.

The residence or business address for each of the individuals listed below is White Mountains Re Group, Ltd., Clarendon House, 2 Church Street, Hamilton HM 11 Bermuda.

Name/Citizenship	Position at WMRG	Present Principal Occupation or Employment*
Raymond Barrette	Director and President	President and Chief Executive Officer of WTM
Dennis Beaulieu	Director and Vice President	Corporate Secretary of WTM

SCHEDULE B

The following is a list of the executive officers and directors of Folksamerica Reinsurance Company ("FRC"), setting forth, for each person, the name, residence or business address, present principal occupation or employment and the name, principal business and address of any corporation or other organization in which such employment is conducted. Unless otherwise indicated, all directors and officers listed below are citizens of the United States.

The residence or business address for each of the individuals listed below is Folksamerica Reinsurance Company ("FRC"), One Liberty Plaza, New York, New York 10006.

Name/Citizenship	Position at FRC	Present Principal Occupation or Employment*
Steven E. Fass	Chairman, President and Chief Executive Officer	President and Chief Executive Officer of FRC
Donald A. Emeigh	Director and Executive Vice President	Executive Vice President of FRC
Peter B. Haley	Director and Senior Vice President	Senior Vice President of FRC
Elliot M. Kroll	Director	Attorney with Herrick, Feinstein LLP
Sol Kroll	Director	Retired
Paul A. Laderach	Director	Retired
Michael E. Maloney	Director, Executive Vice President	Executive Vice President of FRC
Edward J. Stanco	Director, Senior Vice President	Senior Vice President of FRC
Ronald C. Stanziale, Jr.	Director, Senior Vice President	Senior Vice President of FRC
Warren J. Trace	Director, Senior Vice President	Senior Vice President of FRC
Michael E. Tyburski	Director and Executive Vice President	Executive Vice President of FRC
James D. Wickwire, Jr.	Director, Senior Vice President	Senior Vice President of FRC
Daniel J. Wilson	Director, Senior Vice President	Senior Vice President of FRC
Exhibit Number	Exhibit Name	

99.1 Agreement dated as of March 31, 2004, among White Mountains Insurance Group, Ltd., Fund American Reinsurance Company, Ltd., OneBeacon Insurance Company, Pennsylvania General Insurance Company, The Camden Fire Insurance Association, White Mountains Re Group, Ltd and Folksamerica Reinsurance Company.

QuickLinks

Item 2. Identity and Background
Item 5. Interest in Securities of the Issuer
Item 7. Material to Be Filed as Exhibits

SIGNATURE

SCHEDULE A

SCHEDULE B

AGREEMENT dated as of March 31, 2004 (this "Agreement") among WHITE MOUNTAINS INSURANCE GROUP, LTD., a Bermuda company ("WTM"), FUND AMERICAN REINSURANCE CO., a Bermuda company ("FA Re"), ONEBEACON INSURANCE COMPANY, a Pennsylvania corporation ("OBIC"), PENNSYLVANIA GENERAL INSURANCE COMPANY, a Pennsylvania corporation ("PGIC"), WHITE MOUNTAINS RE GROUP, LTD., a Bermuda corporation ("WMRG"), FOLKSAMERICA REINSURANCE COMPANY, a New York corporation ("FRC") and THE CAMDEN FIRE INSURANCE ASSOCIATION, a New Jersey corporation ("CFIA", and collectively with WTM, FA Re, OBIC, PGIC, WMRG, FRC the "Reporting Persons").

Reference is made to that certain Schedule 13D to be filed on or about April 1, 2004 (the "Schedule 13D") with the Securities and Exchange Commission (the "Commission") relating to the beneficial ownership of each of the Reporting Persons of shares or warrants to acquire shares of Common Stock of Montpelier Re Holdings Ltd. ("Montpelier"). The Schedule 13D is to be filed pursuant to Rule 13d-1(a) and Section 13(d)(6)(B) under the Securities Exchange Act of 1934 (the "Act").

WHEREAS, each of the Reporting Persons desires that pursuant to Rule 13d-1(k)(1) under the Act, WTM shall file the Schedule 13D on behalf of each of the Reporting Persons;

NOW, THEREFORE, in consideration of the mutual agreements herein contained and other good and valuable consideration, the sufficiency and receipt of which are hereby acknowledged, each of the Reporting Persons hereby agrees that the Schedule 13D shall be filed on behalf of each of the Reporting Persons pursuant to Rule 13d-1(a) under the Act.

This Agreement may be executed in counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original but all of which when taken together shall constitute a single contract. Delivery of an executed signature page to this Agreement by facsimile transmission shall be effective as delivery of a manually signed counterpart of this Agreement.

[Remainder of page intentionally blank]

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed on the date first above written.

WHITE MOUNTAINS INSURANCE GROUP, LTD.

by /s/ ROBERT SEELIG

Name: Robert Seelig

Title: Vice President and General Counsel

FUND AMERICAN REINSURANCE COMPANY. LTD.

by /s/ RAYMOND BARRETTE

Name: Raymond Barrette Title: Vice President

ONEBEACON INSURANCE COMPANY

by /s/ JOHN CAVOORES

Name: John Cavoores Title: President

PENNSYLVANIA GENERAL INSURANCE COMPANY

by /s/ JOHN CAVOORES

Name: John Cavoores Title: President

THE CAMDEN FIRE INSURANCE ASSOCIATION

by /s/ JOHN CAVOORES

Name: John Cavoores Title: President

WHITE MOUNTAINS RE GROUP, LTD.

by /s/ RAYMOND BARRETTE

Name: Raymond Barrette

Title: President

FOLKSAMERICA REINSURANCE COMPANY

by /s/ STEVEN E. FASS

Name: Steven E. Fass

Title: President and Chief Executive Officer

QuickLinks

Exhibit 99.1