

**Attachment 1**

COMPANY NAME	Senior Debt Rating		Most Recent Issue	
	S&P	MOODY'S	S&P	MOODY'S
Aaf-Mcquay Inc	BB-	B2	B+	
Abbott Laboratories	AAA	Aa1		
Aetna Life Insurance Company	A-	A2		
Air Products and Chemicals	A	A2	A+	
AK Steel Corporation	BB	Ba2		
Alcan Aluminium Limited	A-	A2		
Alcan Aluminum Corp	A-	A2		
Allegheny Ludlum Corporation	A	A3		
Alliant Techsystems Inc	BB-	B2	B	
Allied Waste Industries Inc	BB-	B3		
Alliedsignal Inc	A	A2		
Alumax Inc	BBB			
Aluminum Company of America	A+	A1		
American Brands Inc	A	A2		
American Home Products Corp	A-	A2		
American NTL Bank & Tr Co	AA			
American Standard Inc	BB	Ba3	BB	
Ameritech Corporation	AA+			
Ametek Inc	BB+	Ba2		
AMF Inc.	B+	B2	B	
Amoco Company	AAA	Aa1		
Amoco Corporation	AAA			
Amoco Performance Program	AAA	Aa1	A	
AMP Incorporated	AA+			
Amsco International Inc	BBB-		BB+	
Anheuser-Busch Companies Inc	AA-	A1		
Appalachian Power Company	A-	A3		
Applied Extrusion Technologies	B+	B2		
Arco Chemical Company		A3		
Aristech Chemical Corporation	BBB			
Arizona Public Service Co	BBB	Baa1		Baa3
Armco Inc	B+	B2		
Armstrong World Industries	A+	A2		
Arvin Industries Inc	BBB-	Ba1		
Asarco Incorporated	BBB	Baa2		
Asea Brown Bovari Inc	AA			
Ashland Inc	BBB			
AT&T Corp	AA	Aa3		
Atchison Topeka	BBB		A	
Atlantic Richfield Company	A	A2		
Avondale Mills Inc	BB		B+	
Baxter International Inc	A-	A3		
Bayer Corporation	AA	Aa2		
Beazer East Inc		A3		
Beckman Instruments Inc	A	A3		
Becton Dickinson and Company	A+	A1		
Bemis Company Inc	A	A2		
Bethlehem Steel Corporation	B+	B1		
Black & Decker Corporation	BBB-	Baa3		
Black & Decker Inc.	BBB-	Baa3		
Blount Inc		Ba3		
Blount International Inc.	BBB-		BB+	

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Blue Bird Body Company	BB	B1	B+	
Boc Group Inc	A+			
Borden Inc	BB+	Ba1		
Borg-Warner Co	B+			
Boston Edison Company	BBB	Baa2		
Bowater Incorporated	BBB	Baa1		
BP America Inc	AA-	Aa3		
BP Exploration and Oil Inc	AA			
Bristol-Myers Squibb Company	AM	Aaa1		
Brown Group Inc	BB	Ba2		
Brown-Forman Corporation	A+			
Browning-Ferris Industries	A	Aa2		
Brunswick Corporation	BBB+	Baa1		
Brush Wellman Inc	BBB+			
Burlington Industries Inc	BBB-	Baa3		
Burlington Northern Inc	BBB	Baa2		
Burlington Northern RR Co	BBB	A3	A	
Cabot Corporation	BBB+	Baa1		
Calenergy Company Inc	BB	Ba2		
Campbell Soup Company	AA	Aa2		
Canandaigua Wine Company Inc	BB			
Cargill Incorporated	AA-	Aa3		
Carpenter Technology Corp	A-	A3		
Caterpillar Inc	A	A2		
CBI Industries Inc	BBB+	Baa2		
Cecos Intl Inc	A	A2	A	
Centex Corporation		Baa3		
Central Hudson Gas & Elc Corp		A3		
Central Power and Light Co		A2		
Central Vermont Pub Svc Corp	BBB			
Cessna Aircraft Co	BBB	A3	A	
Champion International Corp	BBB	Baa1		
Chemical Waste Management Inc	A+		A	
Chevron Corporation	M			
Citgo Petroleum Corporation	BB			
Citibank N A	AA-	Aaa1		
Citicorp	A+	A1	A	
Clark Refining & Marketing	BB	Ba2		
Clark Usa Inc		B1		B2
Clean Harbors Inc	B+	B2	B	B2
Colgate-Palmolive Company	A			
Colonial Pipeline Company		A1		
Commercial Metals Company	BBB+	Baa2		
Commonwealth Edison Company	BBB			Baa2
Conagra	BBB	Baa1	A-	aa2
Conagra Inc	BBB	Baa1	BBB-	Baa2
Congoleum Corporation	BB-	B1		
Connecticut Light & Pwr Co Inc	BBB			
Connecticut Yankee Atomic Pwr	BB+	Baa3		
Conrail Inc	A			
Consolidated Edison Co of NY	A+			
Consolidated Rail Corporation	A	A2		Aa1

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	S&P	MOODY'S	S&P	MOODY'S
Cooper Industries Inc	A			
Corning Glass Works		A2		
CPC International Inc	A+	A2		
Crane Co	BBB	Baa2		
Crown Central Petroleum Corp	BB-	B1		
CSX Corporation	BBB+	A3		
CSX Transportation Inc	BBB+		A+	
Cyprus Amax Minerals Company	BBB-	Baa2		
Cytec Industries Inc	BBB			
Daimler-Benz North Amer Corp	A+			
Dal-Tile International Inc	B	Caa1		
Dana Corporation	BBB+			
Data General Corporation	B+	B2		
Deere & Company	A	A2		
Delmarva Power & Light Co	A	A2		
Dexter Corporation		A3		
Diamond Shamrock Inc	BBB	Baa3		
Digital Equipment Corporation	BB+	Ba1		
Dole Food Company Inc	BBB-	Baa3		
Dow Corning Corporation		Caa1		
Dresser Industries Inc	A	A1		
Du Pont E I De Nemours and Co	AA-	Aa3		
Duke Power Company	AA-	Aa2		
Eagle-Picher Industries Inc		Caa1		
Eastman Kodak Company	AA-	A2		
Eaton Corporation	A	A2		
Echlin Inc	A			
EG&G Inc	A	Baa3		
Elf Aquitaine Inc	AA-			
Eli Lilly and Company		Aa3		
Eltra Corporation	A			
Emerson Electric Co	AA+	Aa1		
Engelhard Corporation	A	A2		
English China Clays Inc	A+	A2		
Equitable Companies Inc	A+	A2		
Equitable Life Assur Soc of US	AA-	A2	A	
Essroc Corp	AA			
Ethyl Corporation	BBB			
Exide Corporation	BB-	B1	B	
Exxon Corporation	AAA			
Farmland Industries Inc	BB+			
Federal Paper Board Company		Baa1		
Federal-Mogul Corporation	BB+			
Ferro Corporation	BBB+	Baa1		
Fina Inc	A			
Firestone Tire & Rubber Co	A			
First Chicago	A-	A1		A2
First Data Corporation	A	A2		
First Interstate Bank	BBB+	A2		
Fisher Scientific Intl	BBB	Ba2		
Fluor Corporation	A+			
FMC Corporation	BBB	Baa2		

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Ford Motor Company	A+	A1		
Foster Wheeler Corporation	BBB	Baa2		
Fruit of The Loom Inc	BBB	Baa3		
GAF Corporation	BB			
GATX Corporation	BBB		BBB	
Gencorp Inc	BB+		BB	
General American Trnsp Corp	BBB+	Baa1		
General Chemical Corporation	BB	B2		
General Dynamics Corporation	A	Baal		
General Electric Co	MA	Aaal		
General Instrument	BBB			
General Instrument Corporation	BBB			
Generai Motors Corporation	A			
General Signal Corporation			A	
Georgia Gulf Corporation		Bal		
Georaia-Pacific CorDoration	BBB-	Baa2		
Giant Industries Inc	BB	B2	B+	
Glaxo Wellcome Inc	AA-		A	
Great Lakes Chemical Corp	M			
Grumman Corporation		Baa3		
Gs Technologies Corporation	B+			
GTE Corporation	BBB+	Baal		
Gulf Oil Corporation	M			
Halliburton Company	A	A2		
Hanson America Inc	A+			
Harley-Davidson Inc	BBB+			
Harman Industries Inc	BB	Ba3	B+	
Harris Corporation	BBB+	A3		
Hartford Electric Light Company	BBB+	Baal		
Hawaiian Electric Company Inc	BBB+	Baal		
Hawaiian Electric Industries	BBB			
Hercules Incorporated		A2	A	
Hewlett-Packard Company	AA+	Aa2		
Hewlett-Packard Company	AA+	Aa2	A-	
Hillenbrand Industries Inc	A+	A1		
Hoechst Celanese Corporation	A+	A2		
Hoechst Marion Roussel Inc	A+			
Honeywell Inc	A	A3		
Hooker Plastics and Chemical Co	BBB			
Household Finance Corporation	A	A3		A2
Household International Inc	A	A3		
Houston Industries Inc	A-	Baa2		
Houston Lighting & Power Co	A	A2		
Hughes Electronics Corporation	A			
Ibp Inc	A-	A3		
Illinois Bell Telephone Co	AAA	Aaa1		Aa1
Illinois Power Company	BBB	Baa2		
Illinois Tool Works Inc	AA-	Aa3		
Inco Limited	BBB-	Baa2		
Ingersoll-Rand Company	A	A2		
Inland Steel Company	BB			
Inland Steel Industries Inc	BB-	Ba3	B+	

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International Bus Mchs Corp	A			
Intemational Paper Company	A-	A3		
International Technology Corp	BB-		B	
ITT Corporation	BBB	Baa1		
ITT Industries Inc	BBB		BBB	
Jefferson Smurfit Corp US	BB	B1	B+	
Jefferson Smurfit Corporation	BB		B+	
Johnson & Johnson	AAA	Aaa1		
Johnson Controls Inc	A	A2		
K N Energy Inc	BBB+	A2		
Kaiser Aluminum & Chem Corp	B+	B1		
Kaiser Aluminum Corporation	B+	B1	CCC	
Kaman Corporation	BBB		BBB	
Kansas City Southerm Inds Inc	BBB+	Baa2		
Kansas Gas & Electric Co	A-	Baa1	A-	A3
Kerr-Mcgee Corporation	A-	A3		
Kimberly-Clark Corporation	AA	Aa2		
Koch industries Inc	AA+			
Koch Refining Company Inc	AA+			
Koppers Industries Inc	BB	B1	BB	
Laidlaw Inc	BBB+	Baa2		
Litton Industries Inc	BBB+			
Litton Svstems Inc	BBB+	Baa3	A	
Lockheed Martin Corporation	BBB+	A3		
Long Island Lighting Company	BBB-	Bal		
Louisiana Pacific Corp	A-		A	
Lubrizol Corporation		A1		
Lukens Inc	BBB+	Baa2		
Mallinckrodt Group Inc	A-	A3	BBB+	
Mapco Inc	BBB			
Marathon Oil Company	BB+	Baa3		
Martin Marietta Technologies	BB+			
Masco Corporation	BBB+	Baa1		
Mascotech Inc	BB+		BB	
Maui Electric Company Ltd	BBB+	Baa1		
Maxxam Inc	B+	B3	B	
Maytag Corporation	BBB+	Baal1		
McDermott Incorporated	BBB-	Baa3	BB+	
McDonnell Douglas Corp	A-	Baa2		
McKesson Corporation Delaware		A2		
Medusa Corporation	BB		B+	
Merck & Co Inc	AM	Aaa1		
Mid-American Waste Systems		Ca1		
Millipore Corporation		Baa2		
Minnesota Power & Licht Co	BBB+			
Mobil Corporation		Aa2		
Monsanto Company		A1		
Morton Intemational Inc	AA-	A1		
Morton Thiokol Inc	AA-	A1	A	
Motorola Inc	AA	Aa3	A	
N L Industries Inc	B+	B1	B	B2
Nalco Chemical Company	A+			

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**COMPANY NAME**

**Senior Debt Rating  
S&P**

**MOODY'S**

**Most Recent Issue  
S&P**

**MOODY's**

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	S&P	MOODY'S	S&P	MOODY'S
National Steel Corporation	BB-	Ba3		
Navistar International Corp	BB	Ba2	B+	
NCR Corporation	AA	Aa3	A	
New England Power Company	A+	A1		
New York Times Co	A+	A1	A	
Newmont Gold Co	BBB+			
Niagara Mohawk Power Corp	BB-	Ba3		
Norcal Waste Systems Inc	BB-	B3		
Norsk Hydro USA Inc				
Northern Indiana Pub Svc Co		A2		
Northern States Power Co Minn	AA-	A1		
Northrop Corporation	BBB			
Northrop Grumman Corporation	BBB-	Baa3		
Northwest Airlines Inc	BB	Ba2	BB	
Northwestern Steel & Wire Co		B1		
NS Group Inc	B-	B3		
Nucor Corporation	AA			
NWA Inc	BB	B1	B+	
Occidental Petroleum Corp	BBB	Baa3	BBB	
Ohio Power Company	A-	A3	BBB+	
Olin Corporation	BBB	Baa2	Baal	
Outboard Marine Corporation	BB	Ba2	B+	
Owens Corning	BBB			
Pacific Dnlop Holdings USA Inc	A	A1		
Pacific Dunlop Holdings Inc	A			
Pacific Enterprises	A+			
Pacific Gas and Electric Co	A	A2	A	
Pacificorp	A	A2		
Parker Hannifin Corporation		A3		
Pdv America Inc (de Corp)	B	Baa3		
Pennsylvania Power and Liaht Co	A-	A3		
Pennzoil Company	BBB	Baa3		
Penske Truck Leasing Corp		Aaa1		
Petrofina Delaware Inc	A+			
Pfizer Inc	AAA	Aaa1		
Phelps Dodge Corporation	A	A2		
Phillips Petroleum Company	BBB	Baa1		
Pilgrims Pride Corporation	B+	B3		
Pinnacle West Capital Corp	BBB			
Pioneer Americas Acquisition	B+	B2		
Pitney Bowes Inc	AA			
PM Holdings Corporation	BB-	B3	B	
PPG Industries Inc	A	A1		
Praxair Inc	BBB+	A3		
Premark International Inc	BBB+	Baa2		
Prudential Insurance	AA-	A2		
Public Service Company of Nm	BB	Ba2	B-	
Purina Mills Inc	BB-	B2	B	
Quaker State Corporation	BBB	Baa1		
Quaker State Oil Refining Corporation	BBB	Baa1		
Ramsey Corp	A		A-	

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	S&P	MOODY'S	S&P	MOODY'S
Rayonier Inc	BBB			
Raytheon Company	A+	A1		
Republic Engineered Steels	B	B3		
Revlon Worldwide Corporation	B-	B3		
Rexene Corporation	BB	B1	BB-	
Reynolds Metals Company	BBB+	Baa1	BBB	
Rhone-Poulenc Inc	BBB			
Roadmaster Industries Inc		Caa1		
Rochester Gas and Elc Corp		Baa1		
Rockwell Internationai Corp	AA-	Aa3	A	
Rohm and Haas Company		A1		
Safety-Kleen Corp .	BBB+	Baa2		
San Diego Gas & Electric Co		A1		
Sanifill Inc	BB+		BB-	
Santa Fe Energy Resources Inc	BB+	B1	BB	
Sara Lee Corporation	AA-	A1		
Schering-Plough Corporation	AA	Aa2		
Scott Paper Company	AA	Aa3		
Sensormatic Electronics Corp	BBB			
Sequa Corporation	BB	B1	B+	B3
Shell Oil Company	AAA	Aa2		
Shell Pipe Line Corporation	AAA	Aa2		
Siemens Communications System A-				
Siemens AG	AAA			
Sierra Pacific Power Company	A-	A3	BBB+	
Smithkline Beecham Corporation	A+	Aa3		
Sony Corporation of America	A			
Southdown Inc		B2		
Southern California Edison Co	A+	A2	A	A3
Southern California Gas Co	AA-	A2	A	
Southern Pacific Rail Corp	BB+	Ba3	BB	
Southern Pacific Trnsp Co	BB+	Ba1	BBB+	Baa1
Southwestern Electric Pwr Co	AA-	Aa2		
Southwestern Public Svc Co	AA	Aa2		
Sports & Recreation Inc	B+	B		
Stauffer Chemical Co.	A+	A1	A	
Sterling Drug Inc (1942)	A+			
Storage Technology Corporation	BB-		B	
Sun Company Inc	BBB+	Baa1		
Sundstrand Corporation	A			
Talley Industries Inc	B+	B2	B	
Talley Mfg & Tech Inc	B+	B2	B	
Teledyne Inc	BBB	Ba1	BBB	
Telephone and Data Systems	BBB			
Telex Communications Inc	B+	B2	B	
Temple-Inland Inc	A	A2		
Tenneco Inc.	BBB-	Baa2	A	
Terra Industries Inc	BB	Ba3	B+	
Tesoro Petroleum Corporation	B	B3	B	
Texaco Inc	A+			
Texas Instruments Inc.	A-	A3		
Textron Inc	BBB	A3		



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The BFGoodrich Co.	BBB+			
The Boeing Company	AA	A1		
The Detroit Edison Company	BBB+	A3	BBB	Baa2
The Dow Chemical Company	A	A1		
The Goodyear Tire & Rubber Co	BB+			
The Hartford Electric Light Co.	BBB+	Baa1		
The Lubrizol Corporation	AA	A1		
The Procter & Gamble Company	AA	Aa2		
The Prudential Insurance Co of A	AA-	A2	A	
The Scotts Company	BBB-	Ba3	BB+	
The Sherwin-Williams Company	A+	A2		
The Standard Oil Company	AA-			
The Stanley Works	A	A2		
The Timken Company	A-			
The Upjohn Company	A-	A1		
The Upjohn Company CPR Div.		A1	A-	
Thermo Electron Companies Inc	A			
Thermo Electron Corporation	A		A	
Thermo instrument Systems Inc	A			
Thiokol Corporation	BBB			
Thomas & Betts Corporation	BBB	Baa2		
Timco Inc	A			
Tosco Corporation	BBB-	Baa3		Ba1
Transamerican Refining Corp	B-	Caa		
Transcontinental Gas Pipe Line	BBB	Baa1		
Trinity Industries Inc	BBB+		BBB	
Trinova Corporation	BBB	Baa2		
TRW Inc	A			
Tyco International Ltd	BBB+	Baa2		
UNC Incorporated	BB-	B2		
Unilever United States Inc	AAA			
Union Camp Corporation	A-	A1		
Union Carbide Corp	BBB	Baa2		
Union Oil company of Cal	BBB	Baa2		
Union Pacific Corporation	A-	A3		
Union Pacific Railroad Co	A-	Aa2	AA	
Union Pacific Resources Co	A			
Uniroyal Chemical Company	B+	B1		
Uniroyal Chemical Corporation	B+	B		
United Illuminating Co Inc	BBB-	Baa3		
United States Cellular Corp	BBB	BBB		
United Technologies Corp	A+	A2		
United Technologies Corp	A+	A2	A-	
United Waste Systems Inc	BB+		BB	
Unocal Corporation	BBB			
Upjohn Co	AA-	A1		
UPS of America		Aaa1		
USA Waste Services	BBB-			
USA Waste Services Inc	BBB-			
Uspci of Mississippi Inc	BBB+			
USS Posco Industries	BB+	Baa3		
USX Corporation	BB+	Baa3		

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	<b>S&amp;P</b>	<b>MOODY'S</b>	<b>S&amp;P</b>	<b>MOODY'S</b>
Van Waters and Rogers Inc.	A-			
Varity Corporation	BBB+	Baa3		
Vastar Resources Inc.	A-			
Virginia Electric and Pwr Co	A	A2	A-	
Vulcan Materials Company	AA-			
Wachovia Bank and Trust	AA	A1	A-	
Wainoco Oil Corporation	B	B3	B-	
Weirton Steel Corporation	B	B2		
Western Resources Inc	A-	A3		
Westinghouse Electric Corp	BB	Ba1	B+	
Westpoint Stevens inc	BB	Ba3	B+	B2
Westvaco Corporation	A	A1		
Weyerhaeuser Co.	A	A2		
Wheelabrator Technologies Inc	A-			
Wheelabrator Technologies Inc	A-	A1		
Wheeling-Pittsburgh Corp	BB-	Ba3	B1	
White Consolidated Industries		Baa2		
Whx Corporation	BB-			
Williams Companies Inc	BBB-	Baa2		
Williams Holdings of Delaware	BBB-	Baa2		
Witco Corporation	A	A3		
Wmx Technologies Inc	A+	A1		
Wyman-Gordon Company	BB-	B1		