Annual Report BOARD OF PENSION COMMISSIONERS

CITY OF LOS ANGELES CALIFORNIA



FOR THE FISCAL YEAR ENDED JUNE 30, 1958 with

CHARTER AND ORDINANCE PROVISIONS
GOVERNING PENSION SYSTEM

CITY OF LOS ANGELES



NORRIS POULSON Mayor

LOS ANGELES CITY COUNCIL

EVERETT G. BURKHALTER First District

EARLE D. BAKER Second District

PATRICK D. McGEE Third District

HAROLD A. HENRY Fourth District

ROSALIND WIENER WYMAN* L. E. TIMBERLAKE Fifth District

Sixth District

JAMES C. CORMAN* Seventh District

GORDON HAHN Eighth District

EDWARD R. ROYBAL Ninth District

Tenth District

CHARLES NAVARRO KARL L. RUNDBERG Eleventh District

RANSOM M. CALLICOTT Twelfth District

ERNEST E. DEBS Thirteenth District JOHN C. HOLLAND* Fourteenth District

JOHN S. GIBSON, JR. Fifteenth District

^{*}Member Police, Fire and Traffic Committee

BOARD OF PENSION COMMISSIONERS 1957-58 ANNUAL REPORT



HARRIETT DAVENPORT
President



AL TERRENCE Vice-President

To the Mayor and City Council of the City of Los Angeles

Gentlemen:

Presented herewith is the annual report of the Board of Pension Commissioners for the fiscal year ended June 30, 1958, in accordance with the provisions of Section 64 of the City Charter. This report consists of the annual report of the Manager-Secretary and the report of Peat, Marwick, Mitchell and Company, auditors.

Financial statements and operating statistics are included in this report in sufficient detail to provide a comprehensive review of the operations of the Fire and Police Pension System.

An event of great fiscal importance took place on June 6, 1958, in the form of a decision of the California Supreme Court which granted fluctuating pensions to a large proportion of those on the pension rolls. At the end of the fiscal year appeals were pending on this decision but estimates of immediate cost were placed at \$10,000,000 or more.

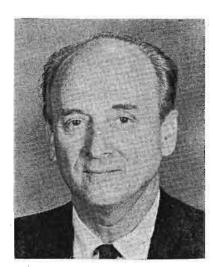
Respectfully submitted, BOARD OF PENSION COMMISSIONERS Harriett Davenport, President



RICHARD O. BULLIS, M.D.



LEO V. BUTLER



J. HERMAN, JR.

A SHORT HISTORY OF THE FIRE AND POLICE PENSION SYSTEM

1899-1901. A pension system for policemen was authorized by the California State Legislature and became effective in the City of Los Angeles on June 7, 1899. A pension system for firemen, similarly authorized, became effective on June 10, 1901. Basic retirement provisions were one half of salary of rank held after 20 years of service and attainment of age 60, and a service-connected disability pension of one-half of the salary of the rank held at the date of retirement. There were also dependent benefits.

1913-1919. The Los Angeles City Council, by ordinances effective September 16, 1913, adopted the substance of the systems authorized by statute, but reduced the minimum retirement age to 55 and eliminated contributions. In 1919 such ordinances were amended to provide for a pension of one-half of the salary attached to the rank after 20 years of service, without limitation as to age.

1923-1925. Effective January 29, 1923, the substance of these two ordinances was adopted into the Charter. There was included a provision for financing the system upon an actuarial basis. Also, $1\,2/3\%$ for each year of service, in addition to the minimum of 20 required, was authorized up to a maximum pension of 2/3 of the salary of the rank held. This was continued in the new City Charter which became effective July 1, 1925. Added was a provision that service and disability pensions would remain fixed amounts.

1927. Effective January 17, 1927, the Charter was amended to provide that all members entering the service after that date would receive 50% of the average salary during the last three years for 25 years' service, plus 1 2/3% for each of the next 10 years of service. This amendment imposed a limit upon service pensions at a pension of \$1800 per year. Members' contributions to the cost of the system were set at 4% of salaries. Pensions for widows were made fixed amounts.

1933. Effective May 15, 1933, the Charter was amended to eliminate the actuarial requirements and place the system essentially upon a "pay-as you-go" basis of operation.

1947. Effective June 16, 1947, the Charter was amended to create an off-duty disability pension of 40% of the highest salary attached to the rank or firemen or policemen. A non-service-connected dependent's pension was established providing a pension of 40% of the highest salary attached to the rank of fireman or policeman at the date of death. Additional percentages were allowed the widow for minor children under 18 and unmarried. By this amendment, members entering subsequent to January 17, 1927, could retire after 20 years' service upon 40% of the average salary for the last three years of service. In addition, they would receive 2% of such average for each of the next five years of service, and 1 2/3% for each of the next ten years of service. The maximum pension of 2/3 of average salary was retained, but the 1927 limitation was raised to accord with the salary level of a police captain or fire battalion chief. Contributions were increased from 4% to 6% of salaries.

1957. Effective April 18, 1957, an amendment removed the maximum limit attached to rank on service pensions.

1958. The California Supreme Court ruled that the 1925 Charter provision for fixed pensions did not apply to members employed prior to July 1, 1925, nor to widows of members employed prior to January 17, 1927.

(Note: Over the entire period, not less than 74 changes have been made in the System. This summary sets forth only a few of such changes.)

December 19, 1958

Board of Pension Commissioners Room 1108, City Hall Los Angeles 12, California Gentlemen:

Pursuant to the provisions of Section 64 of the City Charter, there is presented herewith the annual report on the affairs and operations of the Department of Pensions for the fiscal year ended June 30, 1958. The statements of assets, liabilities, operations and fund capital as contained herein are taken from the report of Peat, Marwick, Mitchell & Company who were employed by the Board by contract to audit the financial position of the Department. In addition thereto, this report contains statements showing comparative financial operations of the fire and police pension fund, and statistical data which should serve to present a clear understanding of such operations.

CALIFORNIA SUPREME COURT DECISION

Of paramount interest in the past fiscal year, was the decision of the California Supreme Court on June 6, 1958, finding that members of the System prior to July 1, 1925, and widows of members of the System prior to January 17, 1927, were entitled to fluctuating pension benefits. As of June 30, 1958, the request for rehearing was still pending, and claims were being filed for benefits of the decision by many pensioners. Therefore, it was not possible to determine accurately the eventual impact on this System. However, estimates indicated the probability of more than a \$6,000,000 cost in retroactive claims and an increase in the annual pension roll of more than \$4,500,000.

MEMBERSHIP

As of June 30, 1958, there were 2,922 firemen and 4,547 policemen as members of the system including members on leave of absence without pay, members on military leave and members on suspension. The following statement presents an analysis of the length of service of such members.

25-Year Members	Fire	Police	Total
Men with less than 5 years	612	794	1,406
With less than 10 years	524	889	1,413
With less than 20 years	1,345	2,496	3,841
With 20 years service and over		289	648
On military leave (eligibility dates not counted) 13	37	50
20 Year Members			
Men eligible to retire	69	42	111
TOTAL	2,922	4,547	7,469

Analysis of Membership

The following schedule presents an analysis of the changes in membership of both the Fire and Police Departments during the last five fiscal years:

1953-54	1954-55	1955-56	1956-57	1957-58
Membership—July 1st6,895	6,955	7,077	7,070	7,259
On Leave or Suspension 15	12	21	10	11
On Military Leave 131	86	71	53	52
Active Membership—June 30th 6,749	6,857	6,985	7,007	7,196
Additions:				•
New Appointments 272	338	242	399	457
Restorations1	4	1	4*	5*
Returned from leave				
or suspension 111	111	107	136	120
Restored from				
military leave 41	30	16	16	10
Discontinued on military lv. 9	3	16	1	1
7.183	7,343	7,367	7,563	7.789

Analysis of Membership—(Continued)

Withdra	wals:
---------	-------

Service retirements	57	92**	69	50	51
Disability retirements	24	34	25	35	58
Resigned	81****	66**	110*****	90**	86
Discharged	33	23 * *	33	23	36
Deaths	18****	5	13	16	21***
Leaves or suspensions	108	120	96	137	131
Military leaves granted	5	18	14	16	9
<u> </u>					
Active Membership—					
June 30th6	3,857	6,985	7,007	7,196	7,397
On Leave or Suspension	12	21	10	11	22
On Military Leave	86	71	53	52 .	50
					
Total Membership—June 30th 6	,955	7,077	7,070	7,259	7,469

^{*}Includes 2 disabilities granted after resignation and/or discharge 56-57 and 3 in 57-58

Appointed Fiscal Year 1957-1958

During the course of the year 459 members were appointed and became members of the system. Three hundred thirty-eight or 74% of such members were married at the date of entrance. Four of such members were re-appointees and one was reinstated and all were above the age of 31. Two others were restored from disability pension and both were above the age of 31. Of the original appointees the median age was 28, the mode 22 and the average was 26.

ELIGIBILITY

There were as of June 30, 1958, 759 members eligible to retire. One hundred eleven of these members were 20-year men and 648 were 25-year men. The following schedule shows the number of men eligible to retire at the end of each fiscal year as indicated:

	Fire	Police	Total
1943-1944	218	138	356
1944-1945	312	340	652
1945-1946	310	312	622
1946-1947	290	270	560
1947-1948	256	234	490
1948-1949	240	215	455
1949-1950	392	367	759
1950-1951	353	341	694
1951-1952	350	316	666
1952-1953	390	300	· 690
1953-1954	365	266	631
1954-1955	347	218	565
1955-1956	368	192	560
1956-1957	428	. 304	732
1957-1958	428	331	759

During the fiscal year 1958-1959, 29 twenty-five year members will become eligible if their service is continuous. Eleven of these members are firemen and eighteen are policemen.

^{**}Includes 1 on military leave ***Includes 1 on military leave

^{****}Includes 4 deaths and 5 resignations on military leave

^{*****}Includes 16 on military leave

Years of Service-20-Year Men

ears	of	Service	Fire	Police	Total
	31		2		2
	32		7	11	18
	33		19	$\bar{2}\bar{0}$	39
	34		$\tilde{27}$	- 5	32
	35		4	4	8
	36	77-2	î	î	ž
	37		2	-	$\tilde{2}$
	38	***	$\tilde{2}$		$\tilde{2}$
	40	***************************************	ĩ		ĩ
	$\tilde{41}$	**************************************	$\hat{2}$		2
	$\hat{42}$		~	1	ī
	43	4-4-4	2	•	$\hat{2}$
	10				
		TOTAL	69	42	111

Years of Service—25-Year Men

Years of	Service	Fire	Police	Total
20		29	53	82
21		78	116	194
22		48	11	59
23	·	25	2	27
24		6	3	9
25		50	20	70
26		20	10	30
27		8	9	17
28		32	22	54
29		47	13	60
30		10	23	33
31		6	7	13
	TOTAL	359	289	648

MILITARY LEAVES

On June 30, 1957, there were 52 members on military leave. The following schedule indicates the operation of military leave authorization during the fiscal year 1957-1958:

On Leave June 30, 1957	52
Granted during 1957-1958	9
-	61
	01
Restored—Now Active	10
Died on Military Leave	1
On Leave June 30, 1958	50

All of the 50 men on military leave are twenty-five year men. Ten of these members have less than five years service and forty have more than five years service. It is noted that these members on military leave do not receive credit in the pension system for such service subsequent to June 25, 1955, but they are protected in seniority in the positions from which they were granted military leave.

PENSION ROLL CHANGES

On July 1, 1957, 14 applications were pending. During the course of the fiscal year 188 additional petitions were received. Of the total of 202 petitions 184 were granted and 2 denied, leaving 16 pending as of June 30, 1958. The details of the pensions granted and terminated during the course of the fiscal year period are as follows:

	20 Yr. Serv.	20-25 Years Serv.	Serv. Disa.	Non- Serv. Disa.	Serv. Widows	Non- Serv. Widows	Serv. Deps.	Non- Serv. Deps.	Total
Balance 7-1-57	.1993	335	306	66	836	27	28	9	3600
Granted	16	35	45	13	64	9	1	1	184
Deaths	71	6	8	2	16		1		104
Remarriage					5				5
Majority							2	1	3
Restored to Duty		****		2					2
Denied					2*				2*
Increased			6*						6*
Decreased			8*		9*	1*			18*
	1938	364	343	75	879	36	26	9	3670

^{*}Statistical—these figures do not affect pension roll.

PENSIONS CLASSIFIED BY AMOUNTS

The following schedule shows the classification of pensions paid by number of pensioners in \$10.00 brackets up to the monthly amount of \$250.00, and also the average pension being paid in each classification:

Amounts	Service	Disability	Widows	Minors	Dependents	Total
50- 59			1			1
60- 69			4			4
70- 79			6			6
80- 89		2	11		2	15
90- 99		1	14	1	1	17
100-109	631	16	307	4	1	959
110-119	332	4	147	2 .		485
120-129	_ 285	25	138	3		451
130-139	. 148	43	21	10	****	222
140-149	_ 113	6	26	2		147
150-159	. 113	21	44			178
160-169	69	15	26	3		113
170-179	. 55	36	16	3		110
180-189	_ 48	20	12	3		83
190-199	_ 55	18	15			88
200-209	_ 80	33	22			135
210-219	_ 49	6	12			67
220-229	_ 40	18	11			69
230-239	_ 39	7	10			56
240-249	_ 28	8	10			46
250 or over	217	139	62			418
						
	2,302	418	915	31	. 4	3,670
Average Pension	153.31	224.23	137.81	137.52	94.29	157.35

AGE OF PENSIONERS

The following is an analysis of the ages of all pensioners at the close of June 30, 1958:

Age	Service	Disability	Widows	Minors	Dependents	Total
0- 18		~		31		31
25 - 30		1	2			3
30- 35		28	14			42
35- 40		60	15			75
40- 45	11	50	22			. 83
45- 50	30	40	41			111
50- 55	103	49	111			263
55- 60	615	74	175		****	864
60- 65	715	61	165			941
65- 70	495	30	168			693
70- 75	220	14	96		1	331
75- 80	88	6	73		2	169
80- 85	20	3	23	****	****	46
85- 90	4	1	7		****	12
90- 95	1		3		1	5
95-100		1				1
				_		
	2,302	418	915	31	4	3,670
Average						
Age	63	52	62	12	80	

SERVICE PENSIONS

Pensions Granted

A total of fifty-one members of the Fire and Police Departments retired upon service pension during the fiscal year ended June 30, 1958, as follows:

Fire

Walter R. Brown Wilford W. Cogar James E. Dyer Luther H. Falknor Joseph A. Fisher Stanton C. Foster Vernon Harden Andrew G. Lash Frank F. LaVigne Gerald V. Lowe Frank R. McNeil Herbert M. Melvin John C. Pedersen Paul K. Peters John A. Rhetta Clarence Rosenberg Leo H. Sanford Clarence T. Singer Raymond L. Straeter Edward J. Wallace Preston E. Welch Ralph C. Welch Raphael A. Williams Frank E. Winkler Carl L. Yager

Police

Jay A. Allen
Robert M. Calhoon
Wm. J. Geierman, Jr.
Alonzo F. Gerard
Byron B. Frick
Altamar L. Hawkins
Bernard H. Heyman
Roy J. Hollis
Royden S. Ingham

Leland V. Jones
William G. Lane
Robert W. Letterman
Sosten R. Lopez
Caleb S. Mitchell
William W. Parker
Jack S. Ricketts
Howard J. Russell
David H. Sanderson

Ralph H. Selby
Wendall J. Snyder
Edwin C. Swanson
John V. Tabor
Clifford F. Thomas
Winston C. Wagoner
Ned O. Wells
Paul A. Wilber

Pensions Discontinued

During the course of this fiscal year a total of seventy-one service pensions were discontinued on account of death. The following is a list of the names of those individuals:

Fire

Charles H. Alderman James E. Bartram Cecil V. Brink Arthur R. Burton Johnie P. Clifton Peter Daly Edward C. Eames Clarence Y. Endsley Harold S. Forker Edward Freeman Nelson J. Haas

Arthur Harris Kenneth J. Hines Alford Huff Anthony H. Kyle Berton J. Manning Earle Mercer Ray Moon Joseph F. Morrell Luke J. Murphy Edward W. Murray Jessie I. Napper Joseph A. Nielsen Harry H. Oates Paul C. V. Roussel Michael Slattery William A. Smith Warren W. Tayler Harry L. Wade Jasper L. Watkins Franklin J. Weidner

Police

Glen M. Abney
William M. Ball
Ben H. Bertram
Harry J. Boshardt
Hale C. Bryan
Carl C. Burns
John Cody
Thomas Connor
Burt M. Corliss
Ivan E. Crooks
George P. Dickinson
Edward Dowd
Donald M. Draper
Thomas G. Eddins
V. B. Eubanks
Archie R. Ferguson

F. J. Fisher
Dewey M. Foster
W. C. French
Evert S. Gowling
John W. Hodges
Carl Holub
Sidney W. Hook
J. T. Houchen
Charles F. Jackson
Charles L. Johnson
Josiah B. Johnson
Oscar Johnson
Edward W. Joiner
Ralph E. King
James P. Lyons
Herbert E. Martens

Stanley J. McCollum Loraine L. Mitchell William F. Molle Roy E. Parker Samuel C. Payne R. C. Rasmussen Harry Schenck Milton Smithson George A. Spinhirny Morris C. Viles Clarence E. Ward Alice S. Wells Matthew D. Williams Walter L. Wise

Service Retirements by Years

The total number of members who have retired upon service pension is presented by departments for the last fifteen fiscal years in the following statement:

	Fire	Police	Total
1943-1944	151	194	345
1944-1945	106	215	321
1945-1946	86	176	262
1946-1947	36	62	98
1947-1948	38	59	97
1948-1949	25	40	65
1949-1950	35	65	100
1950-1951	51	57	108
1951-1952	28	43	71
1952-1953	24	37	' 61
1953-1954	27	- 30	57
1954-1955	45	47	92
1955-1956	31	38	69
1956-1957	18	32	50
1957-1958	25	26	51

In accordance with the Charter amendment of June 16, 1947, 404 members have retired upon service pension who entered the service of the City subsequent to January 16, 1927. These retirements are included in the totals shown above and are analyzed by departments and years as follows:

	Fire	Police	Total
1947-1948	5	16	21
1948-1949	9	16	25
1949-1950	_ 12	30	42
1950-1951	27	27	54
1951-1952	11	23	34
1952-1953	15	28	43
1953-1954	14	21	35
1954-1955	22	25	47
1955-1956		18	30
1956-1957	12	26	38
1957-1958	13	22	35

DISABILITY PENSIONS

Pensions Granted

Of principal interest in this year's experience with disability pensions was the rise of some 105% in the number of service-connected disability pensions granted over the number granted the previous year. As a result, the dollar amount of such disability pensions also showed a significant increase, rising from \$750,143 for 1957 to a total this fiscal year of \$875,570, an increase of 17%. This contrasts with a rise of only 1½% in service pension costs. The causes of this abrupt rise have not yet been determined with certainty.

A total of fifty-eight members of the Fire and Police Departments were granted disability pensions during the fiscal year ended June 30, 1958 as follows:

Fire

Rex. O. Beaver	
Bob E. Bierly	
Sam Diannitto, Jr.	
Guss T. Dove	
Roger B. Duncan	
George R. Hook	
GCOTPC TO TIOOM	

Harold Kashare
Lorain S. Koon
Lewis S. Martino
Yngve O. Nelson
Robert D. Riddell
Richard G. Russo

John H. Schaeffer Freeland G. Smith Ralph Watson Lloyd M. Weast Leon A. Willahan

Police

Frederick Anderson Clarence L. Bahner Gale C. Banks Roy Berg Richard O. Campbell Lawrence Chiarodit Alfred F. Clarkson William E. Cleaves Robert L. Clodio Wm. J. Donelson William F. Forbes Warren L. Foster Jerry P. Frary Leland W. Geiler	Jack R. Gouldstone Russell J. Harrison Charles H. Hart Raymond M. Hofacher Haden H. Houston Thomas M. Jordan Edwin W. Keim John A. Kendrick Joseph C. Lane Ellen A. LePage Donald J. Lightfoot James R. McBride Algie R. Moriarty Justin E. Nippold	Don M. Norton Harold B. Perkins Herbert E. Quincy Orville D. Reed George V. Stellway Walter R. Stewart Lloyd E. Thomas Vernon L. Tichenor Wilbur B. Ulmer Dallas W. Walters John W. Whaley Ralph E. Wilderman Martin S. Wynn
---	---	--

Pensions Discontinued

Twelve disability pensions were discontinued on account of death or restoration to active duty from disability pension during the current fiscal year and the names of such individuals are listed as follows:

Fire

Joe A. Bieberly	Albert E. Church	Roger A. Monk*		
Jack C. Bingham*	Walter A. Cunningham	R. S. Sutherland		
Curtis W. Dixon Clinton W. Barber *Restorations	Police Joseph M. Gaski John B. Kaser	Adam G. King Harry R. Maxwell		

Disability Retirements by Years

The total number of members retiring upon disability pension is represented by departments for the last eleven fiscal years in the following statement:

		Fire		Police		
	Service	Non-Servie	Service	Non-Service	Total	
1947-1948	3	4	8	6	21	
1948-1949	3	5	4	6	18	
1949-1950	13		14	9	36	
1950-1951	8	1	17	2	28	
1951-1952	11	1	16	4	32	
1952-1953	15	3	17	2	37	
1953-1954	7	1	13	3	24	
1954-1955	10	7	14	3	34	
1955-1956	7	3	9	6	25	
1956-1957	8	2	14	11	35	
1957-1958	16	1	20	12	58	

Analysis of Rates

There are 343 service-connected disability pensions and 75 non-serviceconnected disability pensions classified by rates in the following schedule as of June 30, 1958:

Rate	Fire	Police	Total
40%	23	54	77
50%	43	46	89
55 %	13	15	28
57½%	1		1
60%	27	40	$6\overline{7}$
65 %	33	60	93
66 % %	1		1
70%	2	5	$\bar{7}$
75%	8	28	36
80%	2	4	6
85 %	2	2	4
90%	3	6	9
ΤΟΤΑΙ.	158	260	418

Analysis of Disability Pensions by Age

Age		Fire	Police	Total
25- 30		_ 1		1
30- 35		6	22	28
35- 40	****	11	49	60
40- 45		20	30	50
45- 50		16	24	40
50- 55	7820	29	20	49
55- 60		32	42	74
60- 65		17	44	61
65- 70		14	16	30
70- 75		7	7	14
75- 80		3	3	6
80- 85		1	2	3
85- 90	va	1		1
95-100	·		1	1
				'
	TOTAL	158	260	418
Averag	ge Age	53	51	52

LITIGATION

Abbott v. City of Los Angeles, etc., et al

Abney v. City of Los Angeles, etc., et al

Adams v. City of Los Angeles, etc., et al

Behrns v. City of Los Angeles, etc., et al

Mason v. City of Los Angeles, etc., et al

In these proceedings, wherein approximately 800 petitioners prayed for a declaration of their pension rights and a peremptory writ of mandate to compel the City and the Board to pay them fluctuating pensions instead of fixed pensions, the appeals of plaintiffs (appellants) from the trial court's judgments in favor of the City had not been decided by the District Court of Appeal as of the close of the fiscal year. Said Court, on October 15, 1957, affirmed the trial court's judgments and, on November 6, 1957, denied appelant's petition for a rehearing therein. Appellants, on November 25, 1957, filed a petition for hearing in the Supreme Court and the City's answer thereto was filed on December 4, 1957. Said Court granted a hearing therein, and, on April 3, 1958, the matter was heard by the Court and, on June 6, 1958, it reversed the judgments of the trial court. The City's petition for a rehearing therein was filed on June 20, 1958 and appellants' answer thereo was filed on June 30, 1958. As of the close of the fiscal year, the Supreme Court had not acted upon said petition.

Anderson, et al., v. City of Los Angeles, etc., et al Cody, et al., v. City of Los Angeles, etc., et al Hoffman, et al., v. City of Los Angeles, etc., et al Johnson, et al., v. City of Los Angeles, etc., et al Landen, v. City of Los Angeles, etc., et al Mauser, et al., v. City of Los Angeles, etc., et al Mrakich, v. City of Los Angeles, etc., et al Parsons, v. City of Los Angeles, etc., et all

In these proceedings, commenced in June, 1958, 26 plaintiffs pray for a declaration of their pension rights and a peremptory writ of mandate to compel the City and the Board to pay them fluctuating pensions instead of fixed pensions. As of the close of the fiscal year, the City's answers had been served and filed and the matters were at issue.

Charles H. Farnell, et al., v. City of Los Angeles, etc., et al

This action was commenced in October 1957 by six former members of the Police Department who seek a refund of contributions paid into the Fire and Police Pension Fund. The City's demurrer to the complaint, filed on November 4, 1957, was sustained and plaintiffs were given ten days to serve and file an amended complaint, which they did on November 22, 1957. On November 27, 1957, a stipulation was entered into to the effect that the City need not file any pleading to the amended complaint until two weeks after it is served with written notice to do so and, as of the close of the fiscal year, no such notice had been served.

Jacke, et al., v. Board of Pension Commissioners, etc., et al

This was an action, commenced in 1956, in which plaintiff sought a refund of contributions paid into the Fire and Police Pension Fund during the period he was employed by the Police Department. A pretrial conference was had on August 5, 1957 and the trial, originally set for September 24, 1957, was continued to October 28, 1957 upon which date the Superior Court transferred the matter to the Municipal Court. The action was tried on March 7, 1958 and judgment for the City was entered on March 26, 1958.

Inez S. Maxwell v. City of Los Angeles, etc., et al

The plaintiff in this action alleges that, as the widow of a former disability pensioner, she is entitled to a widow's pension. Her application for such pension had been denied by the Board on August 6, 1957 for the reason that, on the record, she had not been married to the pensioner at least one year prior to his retirement and that, therefore, she did not meet the eligibility requirement of the City Charter; in this action she sought an alternative writ of mandate to compel the defendants to pay her a pension; our return to the petition was served and filed on June 13, 1958, at which time the matter was tried and submitted to Department 65 of the Superior Court which court decided that the plaintiff, as the putative widow and a lawful widow, is entitled to a widow's pension; counsel for plaintiff was given leave to file an amended complaint setting forth the putative marriage to conform to proof. Such was the status of this case at the close of this fiscal year.

Guardianships

Forty-six accounts were received and carefully examined. In addition, the following petitions were received: 1 for authority to continue expenditure of sums for support; 1 for instructions regarding repairs to a building; 1 to lease real property for the production of oil, gas and other hydrocarbons; 1 for repairs to or the razing of a building; 1 for confirmation of sale of real property; 1 for order authorizing conveyance of real property to the State; I for additional maintenance; 2 for appointment of guardian of minor upon death of former guardian; 1 for permission to encumber property of an incompetent; 1 for order approving claim and directing conveyance by quitclaim deed; 2 for restoration to capacity; and 1 to have the fact of restoration to capacity judicially determined and to terminate guardianship. Three requests for special notice of steps and proceedings were served and filed; 2 guardianships of incompetents were discontinued on account of death and 3 on account of the incompetents being restored to capacity; 3 guardianships of incompetents were added; 3 guardianships of minors were discontinued on account of the minor reaching majority and 2 were added. As of the close of the fiscal year, there were 52 active guaridanships, 31 covering 42 minors and 21 covering incompetents.

Opinions and Reports

An opinion was written to the effect: that a temporary policeman is not a member of the Police Department for pension purposes and is not entitled to credit toward retirement for service as such; that the City was never authorized to deduct contributions from salary paid for service as a temporary policeman and that no such deduction should be made in the future; that a regular member is entitled to be credited, for pension purposes, with previous service as a temporary policeman or as a war emergency policeman; that a member's service as a temporary policeman or as a war emergency policeman is part of his aggregate service for longevity pay purposes; and that the amount of longevity pay which a member is receiving at the date of his service-connected disability retirement is, for the purpose of computing his pension, a part of the salary attached to the rank then held by him.

An opinion was written to the effect that the April 18, 1957 amendment to Section $181\frac{1}{2}$ of the Charter did not repeal or modify, impliedly or otherwise, any provisions of Section 181 thereof and that a member who became such on March 30, 1937 and who served 20 years in the aggregate is entitled to a service pension of only 40% of salary

An opinion was written to the effect that the fifth step of the salary schedules applicable to promotional ranks in the Fire and Police Departments are not part of the respective salaries attached to the rank for the purpose of calculating fluctuating pensions and that such pensions are to be calculated upon the fourth step of said salary schedule.

A report was written to the City Council advising it of the Supreme Court's reversal of the trial court's judgments in the case of Abbott v. The City of Los Angeles, and related cases, and of the approximate cost which would result therefrom.

Maritals

In addition to examining marital histories of many pensioners and their wives, the marital histories of 807 active firemen and their wives, submitted by them upon forms supplied by the Department, were carefully examined. As of the close of the fiscal year, 660 of these files contained all necessary and desirable information and documents, 62 of them contained some but not all of the information and documents, 52 contained only marital forms but no documents and 33 of them, those of single men, required no documents. Numerous personal conferences and telephone calls were had and extensive research was done upon legal questions which arose in connection with many of the marital histories, all of which also necessitated considerable correspondence. When necessary or desirable, memoranda were written and placed in the files.

OPERATIONS

As of June 30, 1958, there was a cash balance of \$426,469.00 as compared to \$311,312.00 on June 30, 1957. During the year the bond portfolio increased \$2,275,000.00 with a total par value of \$29,141,000.00 and an appraised value of \$27,657,516.00 The increase was attributable largely to the surplus of \$2,386,146.00 resulting from operations together with an increase in cash of \$115,157.00 and a decrease in miscellaneous items of \$4,011.00.

Real Property

Three reconveyances were prepared and executed after the notes which were secured by deeds of trust were fully paid. Two properties were sold at a net profit of \$2,587.00 and escrows closed during the year.

Surety Bonds

Five of the thirteen employees were under bond as follows:

Position A	mount of Bo	nd
Manager-Secretary	\$50,000	
Chief Accountant	25,000	
Executive Assistant	5,000	
Senior Clerk Stenographer	5,000	
Senior Clerk		

Personnel

Thirteen individuals were employed in the Department including one Assistant City Attorney. All rates of compensation were within the general range of salaries for similar positions in the city government.

Administrative Costs

It is very difficult to compare administrative costs of different pension systems because of the widely different benefit structures, and the effect of such differences on costs. However, one frequently used measure is the percent relationship of administrative costs to total benefits paid out. In this respect, the latest available report of the Securities and Exchange Commission on the operation of corporate pension funds in the United States in calendar 1957 shows an administrative costs of 1.91% of benefits paid out. The comparable ratio for the Fire and Police Pension System for the fiscal year ending June 30, 1958 is 1.44%

Respectfully submitted,

Manager-Secretary

PEAT, MARWICK, MITCHELL & CO.

CERTIFIED PUBLIC ACCOUNTANTS

618 SOUTH SPRING STREET LOS ANGELES 14, CALIF.

ACCOUNTANT'S REPORT

To the Board of Pension Commissioners of the City of Los Angeles:

We have examined the balance sheets of the City of Los Angeles Fire and Police Pension Fund as of June 30, 1958 and June 30, 1957, and the related statements of operations and fund capital for the fiscal years then ended. Our examinations were made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

The administration of the Fire and Police Pension Fund is governed by the general provisions of the Charter of the City of Los Angeles, as amended, and more particularly by Article XVII thereof. Section 186 of Article XVII of the Charter specifies, among other things, that taxes shall be levied annually to provide funds estimated to be necessary for the payment of pensions and expenses of the Department of Pensions, and for reimbursement of the excess, if any, of the expenditures of the Department over its revenues. In view of this, specific reserves have not been established to provide for the payment of current or future pensions.

In our opinion, subject to the above explanation, the accompanying balance sheets and statements of operations and fund capital present fairly the financial position of the City of Los Angeles Fire and Police Pension Fund at June 30, 1958 and June 30, 1957 and the results of its operations for the fiscal years then ended, in conformity with generally accepted accounting principles maintained pursuant to the applicable provisions of the Charter of the City of Los Angeles applied on a consistent basis throughout the period under review.

Los Angeles, California October 15, 1958

CITY OF LOS ANGELES FIRE AND POLICE PENSION FUND

BALANCE SHEETS

June 30, 1958 and 1957

ASSETS

Cash:	June	30, 1958	June 30, 1957		
Deposits with Treasurer of the City of Los Angeles Cash Revolving Funds Cash in Suspense	. 325	\$ 426,865	\$ 311,312 325 71	\$ 311,708	
Investments:					
Bond Investments—General —at Par (value based on market quotations, \$27,657,516 and \$23,867,918, respectively) Street Improvement Bonds —at Par Treasurers Deeds—at Cost Trust Deeds Receivable —at Cost Real Property—at Cost	\$29,141,000 3,909 658 5,006		\$26,866,000 7,119 1,161 2,090 23,836		
7-1 Part 1 1	\$29,168,873		\$26,900,206		
Bond Premiums, less discounts of \$112,338 and \$80,327, respectively		\$29,277,193 254,699 \$29,958,757	127,574	\$27,027,780 245,504 \$27,584,992	

See accompanying notes to financial statements

LIABILITIES

June 30, 1958		June	7		
Accounts Payable	\$	851		\$	819
Unpaid Pensions, Estimated (Note 1)Deferred Credits—Prepaid		6,590,000			
Payments—Street Bonds		1,361			1,361
Fund Capital: Accumulated Surplus\$ Reserve for Investment Losses (Note 2)		3,366,545	\$25,102,360 2,480,452	27,8	582,812
Contingent Liabilities (Note 3)	\$2	9,958,757		\$27,5 ===	584,992

CITY OF LOS ANGELES FIRE AND POLICE PENSION FUND

STATEMENT OF OPERATIONS

Fiscal Years Ended June 30, 1958 and 1957

Revenue: Taxes Interest Members' Contributions Sales of Unclaimed Property Bonus Donations Miscellaneous		\$	5,514,475 847,969 2,845,139 45,499 26 343 2,776		, \$	5,052,812 737,261 2,599,947 66,351 35 435 634
Revenues Available for Current Year's Expenditures		\$	9,256,227		\$	8,457,475
Expenditures: Pensions Paid: Service \$ Disability \$ Widows \$ Minors \$ Dependents \$ Non-Service: Disability \$ Widows \$ Minors \$ Minors \$ Non-Service: \$ Disability \$ Minors \$ Minors \$ Minors \$ Minors \$ Minors \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	875,570 1,380,813 37,476 4,841 149,320 84,872 19,722			 4,161,635 750,143 1,294,678 35,049 6,339 126,255 65,506 17,037		
Administrative Expenses\$ Excess of Revenues Over Expenditures	97,535	_	6,870,081	\$ 6,456,642 87,583	_	6,544,225
		\$	2,386,146		\$	1,913,250

See accompanying notes to financial statements

CITY OF LOS ANGELES FIRE AND POLICE PENSION FUND

STATEMENTS OF FUND CAPITAL Fiscal Years Ended June 30, 1958 and 1957

		June 30, 1958			June 30, 1957	
	Accumulated Surplus	Reserve for Investment Losses (Note 2)	TOTAL	Accumulated Surplus	Reserve for Investment Losses	TOTAL
Balance at beginning of period	\$25,102,360	\$ 2,480,452	\$27,582,812	\$2 3, 182,285	\$ 2,501,241	\$25,683,526
Add:						
Payment of prior years' unclaimed pension Excess of revenues over expenditures			2,386,146	6,825 1,91 3 ,2 50		6,825 1,913,250
	\$27,488,506	\$ 2,480,452	\$29,968,958	\$25,102,360	\$ 2,501,241	\$27,603,601
Deduct:						
Net loss on disposition of Investments Provision for estimated unpaid		12,413	12,413		20,789	20, 789
pensions (Note 1)	6,590,000		6,590,000			
Balance at end of period	\$20,898,506	\$ 2,468,039	\$23,366,545	\$25,102,360	\$ 2,480,452	\$27,582,812

See accompanying notes to financial statements

CITY OF LOS ANGELES Fire and Police Pension Fund

Notes to Financial Statements June 30, 1958 and 1957

- (1) The liability for unpaid pension is the estimated amount due various pensioners for supplementary pension payments as of June 30, 1958 in accordance with the conclusions declared by the California Supreme Court in its decision of June 6, 1958. The decision concerned the right of certain pensioners to receive fluctuating pensions based upon the salaries currently paid to members in active service. The estimate is based upon the difference between pensions computed on the fluctuating basis and pensions paid on a fixed basis (the fixed amounts determined at the time the individual pension was granted) for varying periods commencing six months prior to the filing of the individual claims and ending June 30, 1958. All valid claims by pensioners which were filed with the Board of Pension Commissioners by June 30, 1958 have been included.
- (2) The reserve for investment losses is comprised substantially of the net gains realized from investment transactions consummated after June 30, 1940. It is the accounting policy of the fund not to provide for the fluctuations in market value of bonds as such investments are usually held to maturity and if so held they should be substantially redeemed at par.
 - Subsequent to June 30, 1958, bond investments of \$6,149,000 par value were sold at a net loss of \$601,452 to provide funds for supplementary fluctuating pension payments and it is anticipated that further bond sales may be required.
- (3) As mentioned in Note 1, unpaid pensions have been provided for on all valid claims filed to June 30, 1958, in addition, however, approximately 950 pensioners potentially eligible for fluctuating pensions did not file claims by such date. The maximum liability for the retroactive portion of such claims is estimated not to exceed \$940,000.
 - There were two legal actions pending at June 30, 1958 for widow's pensions under which, in the opinion of counsel for the fund, the possible, but not probable, ultimate liability is \$128,531. Pending completion of the actions and final determination of the liability if any, no provision has been made therefor in the accounts.

ADMINISTRATIVE EXPENSE COMPARED

OPERATING EXPENSE	1957-58	1956–57	1955–56	1954–55	1953-54	1952-53	1951-52
Salaries	\$ 76,044	\$ 70,382	\$ 69,086	\$ 63,499	\$ 62,152	\$ 60,100	\$ 51,297
Communications	714	592	633	621	550	597	568
Insurance and Bond Premiums	358	417	515	284	1,302	366	1,813
Office Equipment	1,341	610	246	603	555	294	102
Office Supplies		756	772	494	467	763	776
Printing and Binding		1,123	1,063	1,030	1,052	863	965
Traveling	600	401	216	43	269	665	889
Contractual Services	3,315	3,000	3,000	3,000	3,000	3,000	3,000
Field Equipment	200	150	20	29	185	313	215
Maintenance and Repairs	123	75	14	17	20		12
Petroleum Products	152	150	62	87			
Tranportation	25	7	72	14	85	1	2
Annual Audit	1,002	934	950	795	766	937	684
Governmental Meetings	29		20				
Litigation	209	888	831	620	481	148	7
Mailing Service	338	151	290	295	229	184	171
Medical Services	8,766	6,883	7,207	6,924	6,966	7,147	5,491
Miscellaneous	9	52		8	310	194	18
Actuarial Investigation			636			7,050	
Equipment, Furniture and Fixtures	2,378	1,012	1,757	186	1,576	765	405
	\$ 97,535	\$ 87,583	\$ 87,370	\$ 78,549	\$ 79,965	\$ 83,387	\$ 66,415

STATEMENT OF CASH RECEIPTS AND SOURCES THEREOF

Fiscal Years 1951-52 to 1957-58 Compared

1957–58	1956–57	1955–56	1954–55	1953-54	1952–53	1951-52
\$11,900,388	\$ 9,655,119	\$8,962,055	\$11,467,307	\$8,036,760	\$7,182,667	\$6,986,392
\$ 9,256,227	\$ 8,457,475	\$7,660,035	\$ 7,324,860	\$6,866,355	\$6,386,990	\$5,838,291
9,195*	115,252*	58,093	23,995*	18,114*	1,659*	7,340*
16,552						9,602
'n n = *						5,246
~_ 300 .	303	0,742	241	2,220	110	124
\$ 9,256,034	\$ 8,363,830	\$7,774,107	\$ 7,329,323	\$6,865,049	\$6,396,305	\$5,845,923
\$ 2,644,354	\$ 1,291,289	\$1,187,948	\$ 4,137,984	\$1,171,711	\$ 786,362	\$1,140,469
	:	;				
\$ 2,635,000	\$ 1.285.350	\$1 169 000	\$ 4.129.156	\$1 150 859	\$ 759 288	\$1,098,971
3,209						6,779
1,960	106	1,955	750	2,715	4,873	6,517
3,585	2,184	10,363	3,407	9,636	12,255	28,110
600						92
\$ 2,644,354	\$ 1,291,289	\$1,187,948	\$ 4,137,984	\$1,171,711	\$ 786,362	\$1,140,469
	\$11,900,388 \$ 9,256,227 \$ 9,195* 16,552 7,245* \$ 9,256,034 \$ 2,644,354 \$ 2,635,000 \$ 2,635,000 \$ 3,209 \$ 1,960 \$ 3,585 \$ 600	\$\\$11,900,388 \$\\$9,655,119\$ \$\\$9,256,227 \$\\$8,457,475\$ \$\\$9,256,227 \$\\$8,457,475\$ \$\\$9,195* 115,252* 20,567 657 305* 383 \$\\$9,256,034 \$\\$8,363,830\$ \$\\$2,644,354 \$\\$1,291,289\$ \$\\$2,635,000 \$\\$1,285,350 \\\$\\$3,209 1,960 106 \\\$\\$3,585 2,184 \\\$\\$600 \$\\$	\$\\$11,900,388 \$ 9,655,119 \$8,962,055 \$\\$9,256,227 \$ 8,457,475 \$7,660,035 \$\\$9,256,227 \$ 8,457,475 \$7,660,035 \$\\$9,195* 115,252* 58,093 16,552 20,567 23,600 \$\\$7,245* 657 25,637 \$\\$9,256,034 \$ 8,363,830 \$7,774,107 \$\\$9,256,034 \$ 1,291,289 \$1,187,948 \$\\$2,644,354 \$ 1,291,289 \$1,187,948 \$\\$2,635,000 \$ 1,285,350 \$1,169,000 \$\\$1,960 106 1,955 \$\\$3,585 2,184 10,363 \$\\$600 \$1,965	\$\\$11,900,388 \$\\$9,655,119 \$\\$8,962,055 \$\\$11,467,307 \$\\\$\\$9,256,227 \$\\$8,457,475 \$\\$7,660,035 \$\\$7,324,860 \$\\\$\\$9,256,227 \$\\$8,457,475 \$\\$58,093 \$\\$23,995* \\ 16,552 20,567 23,600 20,790 \\\$\\$7,245* 657 25,637 7,427 \\\$\\$9,256,034 \$\\$8,363,830 \$\\$7,774,107 \$\\$7,329,323 \\\$\\$2,644,354 \$\\$1,291,289 \$\\$1,187,948 \$\\$4,137,984 \$\\\$\\$2,635,000 \$\\$1,285,350 \$\\$1,169,000 \$\\$4,129,156 \\\$\\$3,209 3,649 6,630 4,671 \\\$\\$1,960 106 1,955 750 \\\$3,585 2,184 10,363 3,407 \\\$\$	\$11,900,388 \$ 9,655,119 \$8,962,055 \$11,467,307 \$8,036,760 \$ 9,256,227 \$ 8,457,475 \$7,660,035 \$ 7,324,860 \$6,866,355 9,195* 115,252* 58,093 23,995* 18,114* 16,552 20,567 23,600 20,790 9,028 7,245* 657 25,637 7,427 5,554 241 2,226 \$ 9,256,034 \$ 8,363,830 \$7,774,107 \$ 7,329,323 \$6,865,049 \$ 2,644,354 \$ 1,291,289 \$1,187,948 \$ 4,137,984 \$1,171,711 \$ 2,635,000 \$ 1,285,350 \$1,169,000 \$ 4,129,156 \$1,150,859	\$11,900,388 \$ 9,655,119 \$8,962,055 \$11,467,307 \$8,036,760 \$7,182,667 \$ 9,256,227 \$ 8,457,475 \$7,660,035 \$ 7,324,860 \$6,866,355 \$6,386,990 9,195* 115,252* 58,093 23,995* 18,114* 1,659* 16,552 20,567 23,600 20,790 9,028 3,263 7,245* 657 25,637 7,427 5,554 7,595 16,305* 383 6,742 241 2,226 116 \$9,256,034 \$8,363,830 \$7,774,107 \$7,329,323 \$6,865,049 \$6,396,305 16,396,305 \$2,644,354 \$1,291,289 \$1,187,948 \$4,137,984 \$1,171,711 \$786,362

^{*}Deductions

STATEMENT OF CASH DISBURSEMENTS AND OBJECTIVE THEREOF Fiscal Years 1951-52 to 1957-58 Compared

	1957–58	1956–57	1955–56	1954–55	1953-54	1952–53	1951-52
Total Disbursements	\$11,785,230	\$10,549,243	\$9,743,681	\$10,401,440	\$8,855,922	\$6,273,659	\$7,587,571
Deduct: Expenditures (Exhibit II)	\$ 6.870.081	\$ 6,544,225	\$6,304,857	\$ 5,995,430	\$5,700,324	\$5,520,293	\$5,319,422
Adjustments:	, , ,		. , ,				
Prepaid Interest Expense Abatements Accounts Payable Interest Earned	42 852*	20,567 345 819* 1,747*	23,600 895 362* 20,674	20,790 56 217* 1,198*	9,028 2,248 327* 2,119*	3,263 52 4,811*	9,602 30 335*
Miscellaneous		177	206	114	4,689	43*	2,465*
TOTAL OPERATING DEDUCTIONS	\$ 6,882,317	\$ 6,562,748	\$6,349,870	\$ 6,014,975	\$5,713,843	\$5,518,754	\$5,326,254
CAPITAL OPERATIONS	\$ 4,902,913	\$ 3,986,495	\$3,393,811	\$ 4,386,465	\$3,142,079	\$ 754,905	\$2,261,317
Analysis-Bond Operations:							
Bond Investments Real Property Unapplied Charges Investments	433	\$ 3,986,250 22 223	\$3,393,200 104 507	\$ 4,385,980 87 398	\$3,141,885 94 100	\$ 754,770 70 65	\$2,261,087 136 94
TOTALS	\$ 4,902,913	\$ 3,986,495	\$3,393,811	\$ 4,386,465	\$3,142,079	\$ 754,905	\$2,261,317

^{*}Deductions

FIRE AND POLICE PENSION FUND BOND DISTRIBUTION

June 30, 1958

UNITED STATES GOVERNMENT	Rate	Maturity		Par Value
Federal Land Bank Federal Land Bank Federal Land Bank Federal National Mortgage Assn. U. S. Treasury Notes U. S. Savings "G" U. S. Savings "G" U. S. Treasury	3½ 4% 4% 2½ 2½ 2½ 2½ 2½ 3¼	1960 1971 1972 1965 1969 1959 1960 1965 1967/62 1968/63 1969/64 1980/75 1983/78 7/17/58	\$ 200,000 300,000 400,000 700,000 100,000 900,000 250,000 500,000 400,000 50,000 3,300,000 200,000	
TOTAL GOVERNMENTS				\$8,100,000
CORPORATES Allied Chemical	31/6	1078	\$ 300,000	
Allied Chemical Aluminum Co. of America American Telephone & Telegraph American Telephone & Telegraph Atlantic Refining Baltimore Gas & Electric Bethlehem Steel Bethlehem Steel Boston Edison California Oregon Power Central Illinois Light Central Maine Power Cleveland Electric Illuminating Commonwealth Edison Consolidated Edison Consumers Power Continental Oil Dallas Power & Light Deere & Co. Delaware Power & Light Detroit Edison Detroit Edison Diamond Gardner Duke Power Duquesne Light Equitable Gas Firestone Tire General Electric General Motors Acceptance	3 2 3 4 2 3 2 3 4 2 3 3 3 4 2 3 4 4 2 3 3 3 4 2 3 4 3 3 3 3	1978 1979 1975 1980 1979 1981 1970 1970 1970 1970 1970 1970 1979 1985 1979 1984 1984 1984 1977 1965 1977 1965 1977 1965 1977 1977 1977 1978	\$ 300,000 300,000 200,000 100,000 150,000 250,000 200,000 100,000 100,000 141,000 200,000 246,000 150,000 300,000 300,000 200,000 25,000 25,000 250,000 250,000 210,000 210,000 210,000 210,000 210,000 210,000 244,000 200,000 244,000 200,000 244,000 200,000	
General Motors Acceptance General Motors Acceptance General Motors Acceptance General Motors Corp. Great Northern Railway Illinois Bell Telephone Illinois Bell Telephone Illinois Central R.R. Illinois Central R.R.	2¾ 5 3¼ 2¼ 2¾ 3 4½	1964 1977 1979 1961 1981 1978 1969 1968 1979	400,000 100,000 500,000 200,000 \$ 150,000 200,000 100,000 200,000	

FIRE AND POLICE PENSION FUND BOND DISTRIBUTION

June 30, 1958

SCHEDULE 4

Inland Steel	CORPORATES—(Continued)	Rate	Maturity		Par Value
Inland Steel			•	000 000	Tai value
Kimberly-Clark					
Louisville & Nashville R. R. 3% 1962 150,000 Louisville & Nashville R. R. 3% 1963 350,000 Metropolitan Edison 23% 1980 200,000 Michigan Bell Telephone 34% 1988 200,000 Michigan Bell Telephone 25% 1986 100,000 National Steel 3% 1986 200,000 National Steel 3% 1986 200,000 National Steel 3% 1986 200,000 New England Tel. & Tel. 3 1974 200,000 New England Tel. & Tel. 3 1974 200,000 New Jersey Bell Telephone 3% 1988 250,000 N. Y. State Electric & Gas 3¼ 1984 200,000 New York Telephone 3 1981 100,000 New York Telephone 3 1981 200,000 Norfolk & Western R. 3% 1966 50,000 Norfolk & Western R. 3% 1966 50,000 Norfolk & Western R. 3% 1966 100,000 Norfolk & Western R. 3% 1966 100,000 Norfolk & Western R. 3% 1970 200,000 Northern Indiana Public Service 3% 1973 150,000 Northern States Power (Minn.) 2% 1975 200,000 Pacific Gas & Electric 3 1979 199,000 Ownen Illinois Glass 3% 1988 65,000 Pacific Great Eastern R. R. 4% 1985 100,000 Pacific Great Eastern R. R. 4% 1983 150,000 Pacific Great Eastern R. R. 4% 1983 100,000 Pacific Great Eastern R. R. 4% 1983 100,000 Pacific Great Eastern R. 1979 100,000 Pacific Great Eastern R. 1979 100,000 Pacific Great Eastern R. 1979 100,000 Pacific Great					
Louisville & Nashville R. R. 3% 1962 150,000 Louisville & Nashville R. R. 3% 1963 350,000 Metropolitan Edison 2¼ 1980 200,000 Michigan Bell Telephone 3½ 1986 100,000 National Steel 3½ 1986 200,000 New England Tel. & Tel. 3 1974 200,000 New England Tel. & Tel. 3 1974 200,000 New Jersey Bell Telephone 3¼ 1988 250,000 N. Y. State Electric & Gas 3¼ 1984 200,000 N. Y. State Electric & Gas 3¼ 1984 200,000 Nor Rew York Telephone 3 1981 100,000 Nor Rew York Telephone 3 1981 100,000 Norfolk & Western R. R. 3½ 1965 50,000 Norfolk & Western R. R. 3½ 1966 100,000 Norfolk & Western R. R. 3½ 1966 100,000 Norfolk & Western R. R. 3½ 1966 100,000 Norfolk & Western R. R. 3½ 1970 200,000 Norfolk & Western R. R. 3½ 1971 100,000 Norfolk & Western R. R. 3½ 1971 100,000 Northern Indiana Public Service 3½ 1973 150,000 Northern States Power (Minn.) 2¾ 1975 200,000 Northern States Power (Minn.) 2¾ 1975 200,000 Northern States Power (Minn.) 2¾ 1975 200,000 Northern States Power (Misc.) 3 1979 199,000 Owen Ellinois Glass 3¾ 1983 65,000 Owen Ellinois Glass 3¾ 1983 200,000 Pacific Gas & Electric 3 1979 200,000 Pacific Gas & Electric 4 1974 1975 200,000 Pacific Gas & Electric 5 1974 1975 200,000 Pacific Gas & Electric 6 1974 1975 200,000 Pacific Gas & Elect	Long Island Lighting	31/4			
Metropolitan Edison 2¾ 1980 200,000 Michigan Bell Telephone 3½ 1986 100,000 National Steel 3½ 1986 200,000 National Steel 3½ 1986 200,000 New Lengland Tel. & Tel. 3 1986 200,000 New Jersey Bell Telephone 3½ 1988 250,000 N. Y. State Electric & Gas 3¼ 1984 200,000 New York Telephone 3 1981 100,000 New York Telephone 3 1989 200,000 Norfolk & Western R. 3½ 1965 50,000 Norfolk & Western R. 3½ 1965 50,000 Norfolk & Western R. 3½ 1970 200,000 Norfolk & Western R. 3½ 1971 100,000 Norfolk & Western R. 3½ 1973 150,000 Northern Indiana Public Service 3½ 1973 150,000 Northern States Power (Wisc.) 3 1979 199,000 Owens Illinois Glass <td>Louisville & Nashville R R</td> <td>35%</td> <td></td> <td></td> <td></td>	Louisville & Nashville R R	35%			
Metropolitan Edison 2¾ 1980 200,000 Michigan Bell Telephone 3½ 1986 100,000 National Steel 3½ 1986 200,000 National Steel 3½ 1986 200,000 New Lengland Tel. & Tel. 3 1986 200,000 New Jersey Bell Telephone 3½ 1988 250,000 N. Y. State Electric & Gas 3¼ 1984 200,000 New York Telephone 3 1981 100,000 New York Telephone 3 1989 200,000 Norfolk & Western R. 3½ 1965 50,000 Norfolk & Western R. 3½ 1965 50,000 Norfolk & Western R. 3½ 1970 200,000 Norfolk & Western R. 3½ 1971 100,000 Norfolk & Western R. 3½ 1973 150,000 Northern Indiana Public Service 3½ 1973 150,000 Northern States Power (Wisc.) 3 1979 199,000 Owens Illinois Glass <td>Louisville & Nashville R. R.</td> <td>35%</td> <td></td> <td></td> <td></td>	Louisville & Nashville R. R.	35%			
Michigan Bell Telephone 31/6 1988 200,000 Mountain States 1986 100,000 National Steel 31/6 1982 250,000 National Steel 31/6 1982 250,000 National Steel 31/6 1982 250,000 New England Tel. & Tel. 3 1984 200,000 New Gersey Bell Telephone 3/6 1988 250,000 N. Y. State Electric & Gas 31/4 1984 200,000 New York Telephone 3 1981 100,000 New York Telephone 3 1981 100,000 Norfolk & Western R. 31/6 1964 50,000 Norfolk & Western R. 31/6 1965 50,000 Norfolk & Western R. 31/6 1970 200,000 Norfolk & Western R. 31/6 1970 200,000 Norfolk & Western R. 31/6 1971 100,000 Northern Indiana Public Service 31/6 1973 150,000 Northern States Power (Minn.) 23/6 1975 200,000 Northern States Power (Misc.) 3	Metropolitan Edison	23/4			
National Steel 33% 1982 250,000 National Steel 37% 1986 200,000 New England Tel. & Tel. 3 1974 200,000 New Jersey Bell Telephone 34% 1988 250,000 N. Y. State Electric & Gas 34/ 1984 200,000 New York Telephone 3 1981 100,000 New York Telephone 3 1981 100,000 Norfolk & Western R. R. 37% 1964 50,000 Norfolk & Western R. R. 37% 1965 50,000 Norfolk & Western R. R. 37% 1966 100,000 Norfolk & Western R. R. 37% 1966 100,000 Norfolk & Western R. R. 37% 1971 100,000 Northern Indiana Public Service 37% 1975 200,000 Northern States Power (Minn.) 27% 1975 200,000 Northern States Power (Minn.) 27% 1975 200,000 Northern States Power (Wisc.) 3 1979 200,000 Owens Illinois Glass 33% 1988 65,000 Pacific Gas & Electric 3 1979 200,000 Pacific Gas & Electric 3 1979 200,000 Pacific Great Eastern R. R. 47% 1982 200,000 Pacific Telephone & Telegraph 37% 1983 150,000 Pacific Telephone & Telegraph 37% 1983 150,000 Pennsylvania Salt Mfg. 345 1981 200,000 Pennsylvania Salt Mfg. 345 1981 200,000 Phillips Petroleum 23% 1964 100,000 Potomac Electric Power 24% 1985 100,000 Public Service Electric & Gas 3 1979 197,000 Public Service Electric & Gas 27% 1979 197,000 Southern California Edison 34 1973 190,000 Southern California Edison 37% 1973 190,000 Southern California Edison 37% 1973 190,000 Southern California Edison 37% 1979 190,000 Southern California 27% 1979 190,000 Southern Califor	Michigan Bell Telephone	3 1/8	1988		
National Steel 33% 1982 250,000 National Steel 37% 1986 200,000 New England Tel. & Tel. 3 1974 200,000 New Jersey Bell Telephone 34% 1988 250,000 N. Y. State Electric & Gas 34/ 1984 200,000 New York Telephone 3 1981 100,000 New York Telephone 3 1981 100,000 Norfolk & Western R. R. 37% 1964 50,000 Norfolk & Western R. R. 37% 1965 50,000 Norfolk & Western R. R. 37% 1966 100,000 Norfolk & Western R. R. 37% 1966 100,000 Norfolk & Western R. R. 37% 1971 100,000 Northern Indiana Public Service 37% 1975 200,000 Northern States Power (Minn.) 27% 1975 200,000 Northern States Power (Minn.) 27% 1975 200,000 Northern States Power (Wisc.) 3 1979 200,000 Owens Illinois Glass 33% 1988 65,000 Pacific Gas & Electric 3 1979 200,000 Pacific Gas & Electric 3 1979 200,000 Pacific Great Eastern R. R. 47% 1982 200,000 Pacific Telephone & Telegraph 37% 1983 150,000 Pacific Telephone & Telegraph 37% 1983 150,000 Pennsylvania Salt Mfg. 345 1981 200,000 Pennsylvania Salt Mfg. 345 1981 200,000 Phillips Petroleum 23% 1964 100,000 Potomac Electric Power 24% 1985 100,000 Public Service Electric & Gas 3 1979 197,000 Public Service Electric & Gas 27% 1979 197,000 Southern California Edison 34 1973 190,000 Southern California Edison 37% 1973 190,000 Southern California Edison 37% 1973 190,000 Southern California Edison 37% 1979 190,000 Southern California 27% 1979 190,000 Southern Califor	Mountain States Telephone	2 1/8	1986		
New England Tel. & Tel. 3 1974 200,000 New Jersey Bell Telephone 3 % 1988 250,000 N. Y. State Electric & Gas 31/4 1984 200,000 New York Telephone 3 1981 100,000 Norfolk & Western R. R. 37/8 1964 50,000 Norfolk & Western R. R. 37/8 1966 100,000 Norfolk & Western R. R. 37/8 1970 200,000 Norfolk & Western R. R. 37/8 1971 100,000 Norfolk & Western R. R. 37/8 1971 100,000 Northern Indiana Public Service 37/8 1973 150,000 Northern States Power (Minn.) 24/8 1973 150,000 Northern States Power (Wisc.) 3 1975 200,000 Northern States Power (Wisc.) 3 1975 200,000 Northern States Power (Wisc.) 3 1975 200,000 Northern States Power (Wisc.) 3 1979 200,000 Obio Edison 27/8 1980 <	National Steel	$3\frac{1}{8}$			
New Jersey Bell Telephone 33% 1988 250,000 N. Y. State Electric & Gas 34% 1984 200,000 New York Telephone 3 1981 100,000 New York Telephone 3 1989 200,000 Norfolk & Western R. R. 37% 1965 50,000 Norfolk & Western R. R. 37% 1970 200,000 Norfolk & Western R. R. 37% 1970 200,000 Norfolk & Western R. R. 37% 1971 100,000 Norfolk & Western R. R. 37% 1973 150,000 Northern Indiana Public Service 37% 1973 150,000 Northern States Power (Minn.) 27% 1973 150,000 Northern States Power (Wisc.) 3 1979 199,000 Northern States Power (Wisc.) 3 1979 199,000 Owens Illinois Glass 33% 1988 65,000 Pacific Gas & Electric 3 1979 200,000 Pacific Gas & Electric 3 1979 200,000 Pacific Great Eastern R. R. 47% 1982 200,000 Pacific Great Eastern R. R. 47% 1983 150,000 Pennsylvania Power & Light 3 1975 200,000 Pennsylvania Power & Light 3 1975 200,000 Pennsylvania Power & Light 3 1975 200,000 Potomac Electric Power 27% 1984 100,000 Potomac Electric Power 27% 1984 200,000 Potomac Electric Power 27% 1985 100,000 Public Service Electric & Gas 3 1979 100,000 Public Service Electric & Gas 3 1972 75,000 Public Service Electric & Gas 27% 1984 100,000 Southern Counties Gas 3 1979 100,000 Southern Counties Gas 3 1979 100,000 Southern Bell Telephone 3 1979 100,000 Southern Counties Gas 3 1979 190,000 S	National Steel	3%			
N. Y. State Electric & Gas 314 1984 100,000 New York Telephone 3 1989 200,000 Norfolk & Western R. R. 378 1964 50,000 Norfolk & Western R. R. 378 1965 50,000 Norfolk & Western R. R. 378 1966 100,000 Norfolk & Western R. R. 378 1966 100,000 Norfolk & Western R. R. 378 1966 100,000 Norfolk & Western R. R. 378 1971 100,000 Northern Indiana Public Service 349 1973 150,000 Northern States Power (Minn.) 234 1975 200,000 Northern States Power (Minn.) 234 1975 200,000 Northern States Power (Wisc.) 3 1979 199,000 Owens Illinois Glass 334 1988 65,000 Pacific Gas & Electric 3 1983 30,000 Pacific Gas & Electric 3 1983 30,000 Pacific Great Eastern R. R. 4% 1983 200,000 Pacific Great Eastern R. R. 4% 1983 150,000 Pacific Telephone & Telegraph 378 1983 150,000 Pennsylvania Power & Light 3 1975 200,000 Pennsylvania Power & Light 3 1979 200,000 Pennsylvania Salt Mfg. 3.45 1981 200,000 Peoples Gas Light & Coke 374 1979 200,000 Potomac Electric Power 278 1984 200,000 Potomac Electric Power 278 1984 200,000 Potomac Electric Power 278 1984 200,000 Public Service New Hampshire 374 1973 195,000 Public Service Electric & Gas 3 1972 75,000 Public Service Electric & Gas 274 1980 100,000 Public Service Electric & Gas 274 1980 100,000 San Diego Gas & Electric 278 1984 100,000 San Diego Gas & Electric 278 1984 100,000 Southern Bell Telephone 3 1979 100,000 Southern Bell Telephone 3 1979 100,000 Southern California Edison 374 1983 100,000 Southern Counties Gas 344 1983 100,000 Southern Counties Gas 344 1983 100,000 Southern Counties Gas 344 1984 200,000 Southern Counties Gas 344 1983 100,000 Southern Counties Gas 344 1983 100,000 Southern Counties Gas 344 1984 200,000 Southern Counties Gas 344 1987 100,000 Southern Counties Gas	New England Tel. & Tel.	3			
New York Telephone 3 1981 100,000 New York Telephone 3 1989 200,000 Norfolk & Western R. R. 3% 1964 50,000 Norfolk & Western R. R. 3% 1965 50,000 Norfolk & Western R. R. 3% 1970 200,000 Norfolk & Western R. R. 3% 1971 100,000 Norfolk & Western R. R. 4% 1965 100,000 Northern Indiana Public Service 3% 1973 150,000 Northern States Power (Minn.) 2% 1975 200,000 Northern States Power (Wisc.) 3 1979 199,000 Ohio Edison 2% 1980 200,000 Owens Illinois Glass 3% 1973 200,000 Pacific Gas & Electric 3 1979 200,000 Pacific Great Eastern R. R. 4% 1982 200,000 Pacific Great Eastern R. R. 4% 1982 200,000 Pennsylvania Salt Mfg. 345 1983 30,000	New Jersey Bell Telephone	31/8			
Norfolk & Western R. R. 378 1900 100,000 Norfolk & Western R. R. 378 1971 100,000 Norfolk & Western R. R. 448 1965 100,000 Norfolk & Western R. R. 448 1965 100,000 Northern Indiana Public Service 378 1973 150,000 Northern States Power (Minn.) 234 1975 200,000 Northern States Power (Wisc.) 3 1979 199,000 Owens Illinois Glass 328 1983 65,000 Pacific Gas & Electric 3 1979 200,000 Pacific Gas & Electric 3 1983 30,000 Pacific Great Eastern R. R. 478 1982 200,000 Pacific Great Eastern R. R. 478 1982 200,000 Pacific Telephone & Telegraph 378 1983 150,000 Pennsylvania Power & Light 3 1975 200,000 Pennsylvania Petroleum 234 1964 100,000 Potomac Electric Power 278 1984 200,000 Potomac Electric Power 278 1984 200,000 Potomac Electric Power 278 1984 200,000 Public Service New Hampshire 344 1973 195,000 Public Service Electric & Gas 3 1972 75,000 Public Service Electric & Gas 278 1979 197,000 Public Service Electric & Gas 278 1989 100,000 San Diego Gas & Electric & Gas 278 1989 100,000 San Diego Gas & Electric & Gas 278 1984 100,000 Southern Bell Telephone 3 1979 150,000 Southern Bell Telephone 3 1979 150,000 Southern California Edison 349 1973 190,000 Southern California Edison 349 1973 190,000 Southern California Edison 349 1973 196,000 Southern California Edison 349 1973 196,000 Southern California Edison 349 1973 196,000 Southern Counties Gas 340 1973 197,000 Southern Counties Gas 340 1973 1970 400,000 Southern Counties Gas 340 1973 1970 400,000 Southern Counties Gas 340 1973 1970 400,000 Southern Counties Gas 340 1973 1973 190,000 Southern Counties Gas 340 1973 1973 1970 400,000 Southern C	N. Y. State Electric & Gas	3 1/4			
Norfolk & Western R. R. 378 1900 100,000 Norfolk & Western R. R. 378 1971 100,000 Norfolk & Western R. R. 448 1965 100,000 Norfolk & Western R. R. 448 1965 100,000 Northern Indiana Public Service 378 1973 150,000 Northern States Power (Minn.) 234 1975 200,000 Northern States Power (Wisc.) 3 1979 199,000 Owens Illinois Glass 328 1983 65,000 Pacific Gas & Electric 3 1979 200,000 Pacific Gas & Electric 3 1983 30,000 Pacific Great Eastern R. R. 478 1982 200,000 Pacific Great Eastern R. R. 478 1982 200,000 Pacific Telephone & Telegraph 378 1983 150,000 Pennsylvania Power & Light 3 1975 200,000 Pennsylvania Petroleum 234 1964 100,000 Potomac Electric Power 278 1984 200,000 Potomac Electric Power 278 1984 200,000 Potomac Electric Power 278 1984 200,000 Public Service New Hampshire 344 1973 195,000 Public Service Electric & Gas 3 1972 75,000 Public Service Electric & Gas 278 1979 197,000 Public Service Electric & Gas 278 1989 100,000 San Diego Gas & Electric & Gas 278 1989 100,000 San Diego Gas & Electric & Gas 278 1984 100,000 Southern Bell Telephone 3 1979 150,000 Southern Bell Telephone 3 1979 150,000 Southern California Edison 349 1973 190,000 Southern California Edison 349 1973 190,000 Southern California Edison 349 1973 196,000 Southern California Edison 349 1973 196,000 Southern California Edison 349 1973 196,000 Southern Counties Gas 340 1973 197,000 Southern Counties Gas 340 1973 1970 400,000 Southern Counties Gas 340 1973 1970 400,000 Southern Counties Gas 340 1973 1970 400,000 Southern Counties Gas 340 1973 1973 190,000 Southern Counties Gas 340 1973 1973 1970 400,000 Southern C	New York Telephone	3			
Norfolk & Western R. R. 378 1900 100,000 Norfolk & Western R. R. 378 1971 100,000 Norfolk & Western R. R. 448 1965 100,000 Norfolk & Western R. R. 448 1965 100,000 Northern Indiana Public Service 378 1973 150,000 Northern States Power (Minn.) 234 1975 200,000 Northern States Power (Wisc.) 3 1979 199,000 Owens Illinois Glass 328 1983 65,000 Pacific Gas & Electric 3 1979 200,000 Pacific Gas & Electric 3 1983 30,000 Pacific Great Eastern R. R. 478 1982 200,000 Pacific Great Eastern R. R. 478 1982 200,000 Pacific Telephone & Telegraph 378 1983 150,000 Pennsylvania Power & Light 3 1975 200,000 Pennsylvania Petroleum 234 1964 100,000 Potomac Electric Power 278 1984 200,000 Potomac Electric Power 278 1984 200,000 Potomac Electric Power 278 1984 200,000 Public Service New Hampshire 344 1973 195,000 Public Service Electric & Gas 3 1972 75,000 Public Service Electric & Gas 278 1979 197,000 Public Service Electric & Gas 278 1989 100,000 San Diego Gas & Electric & Gas 278 1989 100,000 San Diego Gas & Electric & Gas 278 1984 100,000 Southern Bell Telephone 3 1979 150,000 Southern Bell Telephone 3 1979 150,000 Southern California Edison 349 1973 190,000 Southern California Edison 349 1973 190,000 Southern California Edison 349 1973 196,000 Southern California Edison 349 1973 196,000 Southern California Edison 349 1973 196,000 Southern Counties Gas 340 1973 197,000 Southern Counties Gas 340 1973 1970 400,000 Southern Counties Gas 340 1973 1970 400,000 Southern Counties Gas 340 1973 1970 400,000 Southern Counties Gas 340 1973 1973 190,000 Southern Counties Gas 340 1973 1973 1970 400,000 Southern C	New York Telephone	ა ე <i>7/</i>			
Norfolk & Western R. R. 378 1900 100,000 Norfolk & Western R. R. 378 1971 100,000 Norfolk & Western R. R. 448 1965 100,000 Norfolk & Western R. R. 448 1965 100,000 Northern Indiana Public Service 378 1973 150,000 Northern States Power (Minn.) 234 1975 200,000 Northern States Power (Wisc.) 3 1979 199,000 Owens Illinois Glass 328 1983 65,000 Pacific Gas & Electric 3 1979 200,000 Pacific Gas & Electric 3 1983 30,000 Pacific Great Eastern R. R. 478 1982 200,000 Pacific Great Eastern R. R. 478 1982 200,000 Pacific Telephone & Telegraph 378 1983 150,000 Pennsylvania Power & Light 3 1975 200,000 Pennsylvania Petroleum 234 1964 100,000 Potomac Electric Power 278 1984 200,000 Potomac Electric Power 278 1984 200,000 Potomac Electric Power 278 1984 200,000 Public Service New Hampshire 344 1973 195,000 Public Service Electric & Gas 3 1972 75,000 Public Service Electric & Gas 278 1979 197,000 Public Service Electric & Gas 278 1989 100,000 San Diego Gas & Electric & Gas 278 1989 100,000 San Diego Gas & Electric & Gas 278 1984 100,000 Southern Bell Telephone 3 1979 150,000 Southern Bell Telephone 3 1979 150,000 Southern California Edison 349 1973 190,000 Southern California Edison 349 1973 190,000 Southern California Edison 349 1973 196,000 Southern California Edison 349 1973 196,000 Southern California Edison 349 1973 196,000 Southern Counties Gas 340 1973 197,000 Southern Counties Gas 340 1973 1970 400,000 Southern Counties Gas 340 1973 1970 400,000 Southern Counties Gas 340 1973 1970 400,000 Southern Counties Gas 340 1973 1973 190,000 Southern Counties Gas 340 1973 1973 1970 400,000 Southern C	Norfolk & Western R. R.	ა % 27/-			
Norfolk & Western R. R. 37% 1970 200,000 Norfolk & Western R. R. 37% 1971 100,000 Norfolk & Western R. R. 44% 1965 100,000 Northern Indiana Public Service 34% 1973 150,000 Northern States Power (Minn.) 234 1975 200,000 Northern States Power (Wisc.) 3 1979 199,000 Northern States Power (Wisc.) 3 1979 199,000 Ohio Edison 27% 1980 200,000 Owens Illinois Glass 344 1988 65,000 Pacific Gas & Electric 3 1979 200,000 Pacific Gas & Electric 3 1979 200,000 Pacific Great Eastern R. R. 4 % 1982 200,000 Pacific Great Eastern R. R. 4 % 1982 200,000 Pacific Telephone & Telegraph 3 % 1933 150,000 Pennsylvania Power & Light 3 1975 200,000 Pennsylvania Salt Mfg. 3 45 1981 200,000 Pennsylvania Salt Mfg. 3 45 1981 200,000 Pennsylvania Salt Mfg. 3 45 1981 200,000 Potomac Electric Power 23% 1964 100,000 Potomac Electric Power 27% 1984 200,000 Potomac Electric Power 27% 1985 100,000 Public Service New Hampshire 31/4 1973 195,000 Public Service Electric & Gas 3 1972 75,000 Public Service Electric & Gas 3 1972 75,000 Public Service Electric & Gas 23/4 1980 100,000 Public Service Indiana 3 1979 100,000 San Diego Gas & Electric 27% 1984 100,000 Southern Bell Telephone 3 1979 150,000 Southern California Edison 31/4 1973 195,000 Southern California Edison 31/4 1973 196,000 Southern California Edison 31/4 1973 196,000 Southern California Edison 31/4 1973 196,000 Swift & Co. 27% 1974 400,000 Swift & Co. 27% 1973 48,000 Swift & Co. 27% 1973 48,000 Swift & Co. 27% 1973 48,000 Swift & Co. 27% 1973 400,000 Union Oil of California 23/4 1970 400,000 Virginia Electric Power 3 1978 100,000	Norfolk & Western R. R.	3 7/8 3 7/ ₂			
Norfolk & Western R. R.	Norfolk & Western R R	37/8			
Norfolk & Western R. R.	Norfolk & Western R R	37/8			
Northern States Power (Minn.) 2¾ 1975 200,000 Northern States Power (Wisc.) 3 1979 199,000 Ohio Edison 27% 1980 200,000 Owens Illinois Glass 3¾ 1988 65,000 Pacific Gas & Electric 3 1983 30,000 Pacific Gas & Electric 3 1983 30,000 Pacific Great Eastern R. 4% 1982 200,000 Pacific Telephone & Telegraph 3½ 1983 150,000 Pennsylvania Power & Light 3 1975 200,000 Pennsylvania Power & Light 3 1975 200,000 Pennsylvania Salt Mfg 345 1981 200,000 Pennsylvania Salt Mfg 345 1981 200,000 Pennsylvania Salt Mfg 345 1981 200,000 Potomac Electric Power 2¾ 1964 100,000 Potomac Electric Power 2½ 1985 100,000 Potomac Electric Power 2½ 1985 100,000 Public Service New Hampshire 3¼ 1973 195,000 Public Service Electric & Gas 3 1972 75,000 Public Service Electric & Gas 2½ 1979 197,000 Public Service Electric & Gas 2½ 1979 197,000 Public Service Indiana 3 1979 100,000 San Diego Gas & Electric 2½ 1971 400,000 Shell Union Oil 2½ 1971 400,000 Southern Bell Telephone 3 1979 150,000 Southern California Edison 3½ 1983 100,000 Southern Counties Gas 3¼ 1983 100,000 Southwestern Public Service 320 1979 196,000 Southwestern Public Service 320 1979 196,000 Swift & Co. 2½ 1971 400,000 Swift & Co. 2½ 1972 152,000 Union Oil of California 2¾ 1970 400,000 Swift & Co. 2½ 1973 48,000 Swift & Co. 2½ 1973 48,000 Swift & Co. 2½ 1970 400,000 Union Pacific R. R. 2% 1976 500,000 Virginia Electric Power 3 1978 100,000	Norfolk & Western R R	41/2			
Northern States Power (Minn.) 2¾ 1975 200,000 Northern States Power (Wisc.) 3 1979 199,000 Ohio Edison 27% 1980 200,000 Owens Illinois Glass 3¾ 1988 65,000 Pacific Gas & Electric 3 1983 30,000 Pacific Gas & Electric 3 1983 30,000 Pacific Great Eastern R. 4% 1982 200,000 Pacific Telephone & Telegraph 3½ 1983 150,000 Pennsylvania Power & Light 3 1975 200,000 Pennsylvania Power & Light 3 1975 200,000 Pennsylvania Salt Mfg 345 1981 200,000 Pennsylvania Salt Mfg 345 1981 200,000 Pennsylvania Salt Mfg 345 1981 200,000 Potomac Electric Power 2¾ 1964 100,000 Potomac Electric Power 2½ 1985 100,000 Potomac Electric Power 2½ 1985 100,000 Public Service New Hampshire 3¼ 1973 195,000 Public Service Electric & Gas 3 1972 75,000 Public Service Electric & Gas 2½ 1979 197,000 Public Service Electric & Gas 2½ 1979 197,000 Public Service Indiana 3 1979 100,000 San Diego Gas & Electric 2½ 1971 400,000 Shell Union Oil 2½ 1971 400,000 Southern Bell Telephone 3 1979 150,000 Southern California Edison 3½ 1983 100,000 Southern Counties Gas 3¼ 1983 100,000 Southwestern Public Service 320 1979 196,000 Southwestern Public Service 320 1979 196,000 Swift & Co. 2½ 1971 400,000 Swift & Co. 2½ 1972 152,000 Union Oil of California 2¾ 1970 400,000 Swift & Co. 2½ 1973 48,000 Swift & Co. 2½ 1973 48,000 Swift & Co. 2½ 1970 400,000 Union Pacific R. R. 2% 1976 500,000 Virginia Electric Power 3 1978 100,000	Northern Indiana Public Service	31/8			
Northern States Power (Wisc.) 3 1979 199,000 Ohio Edison 27% 1980 200,000 Owens Illinois Glass 33% 1988 65,000 Pacific Gas & Electric 3 1979 200,000 Pacific Gas & Electric 3 1983 30,000 Pacific Great Eastern R. A 4% 1982 200,000 Pacific Telephone & Telegraph 3½ 1983 150,000 Pennsylvania Power & Light 3 1975 200,000 Pennsylvania Salt Mfg. 3.45 1981 200,000 Pennsylvania Salt Mfg. 3.45 1981 200,000 Peoples Gas Light & Coke 3¼ 1979 200,000 Phillips Petroleum 23¼ 1964 100,000 Potomac Electric Power 2½ 1984 200,000 Potomac Electric Power 2½ 1985 100,000 Public Service New Hampshire 3¼ 1973 195,000 Public Service Electric & Gas 3 1972 75,000 Public Service Electric & Gas 3 1972 75,000 Public Service Electric & Gas 27% 1979 197,000 Public Service Indiana 3 1979 100,000 Public Service Indiana 3 1979 100,000 San Diego Gas & Electric 27% 1984 100,000 San Diego Gas & Electric 27% 1984 100,000 Southern Bell Telephone 3 1979 150,000 Southern California Edison 3½ 1973 100,000 Southern California Edison 3½ 1983 100,000 Southwestern Public Service 3.20 1979 196,000 Southwestern Public Service 3.20 1979 196,000 Swift & Co. 2% 1974 500,000 Swift & Co. 2% 1974 500,000 Swift & Co. 2% 1975 152,000 Union Oil of California 2% 1970 400,000 Swift & Co. 2% 1970 400,000 Swift & Co. 2% 1970 400,000 Union Pacific R. R. 2% 1976 500,000 Virginia Electric Power 3 1978 100,000 Virginia Electric 90wer 3 1978 100,000 Virginia Electric Power 3 1978 100,000 Virginia Electric Power 3 1978 100,000 Westinghouse Electric 3½ 1981 200,000	Northern States Power (Minn.)	23/4		200,000	
Ohio Edison	Northern States Power (Wisc.)	3			
Owens Illinois Glass 334 1988 65,000 Pacific Gas & Electric 3 1983 30,000 Pacific Gas & Electric 3 1983 30,000 Pacific Great Eastern R. R. 4½ 1982 200,000 Pacific Telephone & Telegraph 3½ 1983 150,000 Pennsylvania Power & Light 3 1975 200,000 Pennsylvania Salt Mfg. 3.45 1981 200,000 Pennsylvania Salt Mfg. 3.45 1981 200,000 Peoples Gas Light & Coke 3¼ 1979 200,000 Phillips Petroleum 2¾ 1964 100,000 Potomac Electric Power 2½ 1984 200,000 Potomac Electric Power 2¾ 1985 100,000 Public Service New Hampshire 3¼ 1973 195,000 Public Service Electric & Gas 3 1972 75,000 Public Service Electric & Gas 2½ 1979 197,000 Public Service Electric & Gas 2¾ 1980 100,000 Public Service Electric & Gas 2¾ 1980 100,000 Public Service Electric & Gas 2¾ 1980 100,000 San Diego Gas & Electric 2½ 1971 400,000 Shell Union Oil 2½ 1971 400,000 Southern Bell Telephone 3 1979 150,000 Southern California Edison 3½ 1984 200,000 Southern California Edison 3½ 1984 200,000 Southern California Edison 3½ 1984 200,000 Southwestern Public Service 3.20 1979 196,000 Southwestern Public Service 3.20 1979 196,000 Southwestern Public Service 3.20 1979 196,000 Southwestern Public Service 3.20 1974 500,000 Southwestern Public Service 3.20 1974 500,000 Swift & Co. 2½ 1972 152,000 Union Oil of California 2¾ 1970 400,000 Swift & Co. 2½ 1976 500,000 Union Pacific R. R. 2½ 1976 500,000 Virginia Electric Power 3 1978 100,000 Virginia Electric Power 3 1978 100,000 Westinghouse Electric 3½ 1981 200,000	Ohio Edison	$2\frac{7}{8}$	1980	200,000	
Pacific Gas & Electric 3 1979 200,000 Pacific Gas & Electric 3 1983 30,000 Pacific Great Eastern R. R. 4% 1982 200,000 Pacific Telephone & Telegraph 3% 1983 150,000 Pennsylvania Power & Light 3 1975 200,000 Pennsylvania Salt Mfg 3.45 1981 200,000 Peoples Gas Light & Coke 3¼ 1979 200,000 Peoples Gas Light & Coke 3¼ 1979 200,000 Phillips Petroleum 2¼ 1964 100,000 Potomac Electric Power 2½ 1984 200,000 Potomac Electric Power 2½ 1985 100,000 Public Service New Hampshire 3¼ 1973 195,000 Public Service Electric & Gas 3 1972 75,000 Public Service Electric & Gas 2½ 1979 197,000 Public Service Electric & Gas 2½ 1979 197,000 Public Service Electric & Gas 2½ 1971 400,00	Owens Illinois Glass	$3\frac{3}{4}$			
Pacific Telephone & Telegraph 3 ½ 1983 150,000 Pacific Telephone & Telegraph 3 ½ 1983 150,000 Pennsylvania Power & Light 3 1975 200,000 Pennsylvania Salt Mfg. 3.45 1981 200,000 Peoples Gas Light & Coke 3¼ 1979 200,000 Phillips Petroleum 2¾ 1964 100,000 Potomac Electric Power 2½ 1984 200,000 Potomac Electric Power 2¾ 1985 100,000 Public Service New Hampshire 3¼ 1973 195,000 Public Service Electric & Gas 3 1972 75,000 Public Service Electric & Gas 2½ 1979 197,000 Public Service Indiana 3 1979 100,000 San Diego Gas & Electric 2½ 1984 100,000 Shell Union Oil 2½ 1971 400,000 Southern Bell Telephone 3 1979 150,000 Southern California Edison 3½ 1973 100,000 Southwestern Bell Telephone 3½ 1979 196,000 <td>Pacific Gas & Electric</td> <td>3</td> <td></td> <td></td> <td></td>	Pacific Gas & Electric	3			
Pacific Telephone & Telegraph 31/8 1983 150,000 Pennsylvania Power & Light 3 1975 200,000 Pennsylvania Salt Mfg 3.45 1981 200,000 Peoples Gas Light & Coke 31/4 1979 200,000 Phillips Petroleum 23/4 1964 100,000 Potomac Electric Power 27/8 1984 200,000 Potomac Electric Power 23/4 1985 100,000 Public Service New Hampshire 31/4 1973 195,000 Public Service Electric & Gas 3 1972 75,000 Public Service Electric & Gas 23/4 1980 100,000 Public Service Electric & Gas 23/4 1980 100,000 Public Service Electric & Gas 23/4 1980 100,000 Public Service Indiana 3 1979 100,000 San Diego Gas & Electric 21/8 1984 100,000 Shell Union Oil 21/2 1971 400,000 Southern Bell Telephone 3 1979 150,000 Southern Counties Gas 31/4 1984	Pacific Gas & Electric	3			
Pennsylvania Salt Mfg. 3.45 1981 200,000 Peoples Gas Light & Coke 3¼ 1979 200,000 Phillips Petroleum 2¾ 1964 100,000 Potomac Electric Power 2¾ 1984 200,000 Potomac Electric Power 2¾ 1985 100,000 Public Service New Hampshire 3¼ 1973 195,000 Public Service Electric & Gas 3½ 1979 197,000 Public Service Electric & Gas 2¾ 1980 100,000 Public Service Indiana 3 1979 100,000 Public Service Indiana 3 1979 100,000 San Diego Gas & Electric 2½ 1984 100,000 Shell Union Oil 2½ 1971 400,000 Southern Bell Telephone 3 1979 150,000 Southern California Edison 3½ 1973 100,000 Southwestern Bell Telephone 3½ 1984 200,000 Southwestern Public Service 3.20 1979 196,000	Pacific Great Eastern R. R.	4 %			
Pennsylvania Salt Mfg. 3.45 1981 200,000 Peoples Gas Light & Coke 3¼ 1979 200,000 Phillips Petroleum 2¾ 1964 100,000 Potomac Electric Power 2¾ 1984 200,000 Potomac Electric Power 2¾ 1985 100,000 Public Service New Hampshire 3¼ 1973 195,000 Public Service Electric & Gas 3½ 1979 197,000 Public Service Electric & Gas 2¾ 1980 100,000 Public Service Indiana 3 1979 100,000 Public Service Indiana 3 1979 100,000 San Diego Gas & Electric 2½ 1984 100,000 Shell Union Oil 2½ 1971 400,000 Southern Bell Telephone 3 1979 150,000 Southern California Edison 3½ 1973 100,000 Southwestern Bell Telephone 3½ 1984 200,000 Southwestern Public Service 3.20 1979 196,000	Pacific Telephone & Telegraph	31/8			
Peoples Gas Light & Coke 3 ¼ 1979 200,000 Phillips Petroleum 2¾ 1964 100,000 Potomac Electric Power 2½ 1984 200,000 Potomac Electric Power 2¾ 1985 100,000 Public Service New Hampshire 3¼ 1973 195,000 Public Service Electric & Gas 3 1972 75,000 Public Service Electric & Gas 2½ 1979 197,000 Public Service Indiana 3 1979 100,000 Public Service Indiana 3 1979 100,000 San Diego Gas & Electric 2½ 1984 100,000 Shell Union Oil 2½ 1971 400,000 Southern Bell Telephone 3 1979 150,000 Southern California Edison 3½ 1973 100,000 Southwestern Bell Telephone 3½ 1984 200,000 Southwestern Public Service 3.20 1979 196,000 Standard Oil N. J. 2¾ 1974 500,000 <t< td=""><td>Pennsylvania Power & Light</td><td>3</td><td></td><td></td><td></td></t<>	Pennsylvania Power & Light	3			
Phillips Petroleum 2¾ 1964 100,000 Potomac Electric Power 2½ 1984 200,000 Potomac Electric Power 2¾ 1985 100,000 Public Service New Hampshire 3¼ 1973 195,000 Public Service Electric & Gas 3 1972 75,000 Public Service Electric & Gas 2½ 1979 197,000 Public Service Indiana 3 1979 100,000 San Diego Gas & Electric 2½ 1984 100,000 Shell Union Oil 2½ 1971 400,000 Southern Bell Telephone 3 1979 150,000 Southern California Edison 3½ 1973 100,000 Southern Counties Gas 3¼ 1984 200,000 Southwestern Bell Telephone 3½ 1984 200,000 Southwestern Public Service 3.20 1979 196,000 Standard Oil N. J. 2¾ 1974 500,000 Swift & Co. 2½ 1973 48,000 Swift & Co. 2½ 1972 152,000 Union Oil of	Pennsylvania Sait Mig	3.40 21/			
Potomac Electric Power 27% 1984 200,000 Potomac Electric Power 23% 1985 100,000 Public Service New Hampshire 3¼ 1973 195,000 Public Service Electric & Gas 3 1972 75,000 Public Service Electric & Gas 27% 1979 197,000 Public Service Indiana 3 1979 100,000 San Diego Gas & Electric 27% 1984 100,000 Shell Union Oil 2½ 1971 400,000 Southern Bell Telephone 3 1979 150,000 Southern California Edison 3½ 1973 100,000 Southern Counties Gas 3¼ 1984 200,000 Southwestern Bell Telephone 3½ 1984 200,000 Southwestern Public Service 3.20 1979 196,000 Standard Oil N. J. 2¾ 1974 500,000 Swift & Co. 2½ 1973 400,000 Union Oil of California 2¾ 1970 400,000	Phillips Potroloum	3 74 9 3/4			
Public Service New Hampshire 3¼ 1973 195,000 Public Service Electric & Gas 3 1972 75,000 Public Service Electric & Gas 2½ 1979 197,000 Public Service Electric & Gas 2¾ 1980 100,000 Public Service Indiana 3 1979 100,000 San Diego Gas & Electric 2½ 1984 100,000 Shell Union Oil 2½ 1971 400,000 Southern Bell Telephone 3 1979 150,000 Southern California Edison 3½ 1973 100,000 Southern Counties Gas 3¼ 1984 200,000 Southwestern Bell Telephone 3½ 1983 100,000 Southwestern Public Service 3.20 1979 196,000 Standard Oil N. J. 2¾ 1974 500,000 Swift & Co. 2½ 1973 48,000 Swift & Co. 2½ 1973 48,000 Swift & Co. 2½ 1972 152,000 Union Oil of	Potomac Flectric Power	27/4			
Public Service New Hampshire 3¼ 1973 195,000 Public Service Electric & Gas 3 1972 75,000 Public Service Electric & Gas 2½ 1979 197,000 Public Service Electric & Gas 2¾ 1980 100,000 Public Service Indiana 3 1979 100,000 San Diego Gas & Electric 2½ 1984 100,000 Shell Union Oil 2½ 1971 400,000 Southern Bell Telephone 3 1979 150,000 Southern California Edison 3½ 1973 100,000 Southern Counties Gas 3¼ 1984 200,000 Southwestern Bell Telephone 3½ 1983 100,000 Southwestern Public Service 3.20 1979 196,000 Standard Oil N. J. 2¾ 1974 500,000 Swift & Co. 2½ 1973 48,000 Swift & Co. 2½ 1973 48,000 Swift & Co. 2½ 1972 152,000 Union Oil of	Potomac Electric Power	23/4			
Public Service Electric & Gas 3 1972 75,000 Public Service Electric & Gas 2% 1979 197,000 Public Service Electric & Gas 2% 1980 100,000 Public Service Indiana 3 1979 100,000 San Diego Gas & Electric 2% 1984 100,000 Shell Union Oil 2½ 1971 400,000 Southern Bell Telephone 3 1979 150,000 Southern California Edison 3½ 1973 100,000 Southern Counties Gas 3¼ 1984 200,000 Southwestern Bell Telephone 3½ 1983 100,000 Southwestern Public Service 3.20 1979 196,000 Standard Oil N. J. 2¾ 1974 500,000 Swift & Co. 2½ 1973 48,000 Swift & Co. 2½ 1972 152,000 Union Oil of California 2¾ 1970 400,000 Union Pacific R. R. 2½ 1976 500,000 Virginia	Public Service New Hampshire	31/4			
Public Service Electric & Gas 2¾ 1980 100,000 Public Service Indiana 3 1979 100,000 San Diego Gas & Electric 2% 1984 100,000 Shell Union Oil 2½ 1971 400,000 Southern Bell Telephone 3 1979 150,000 Southern California Edison 3½ 1973 100,000 Southern Counties Gas 3¼ 1984 200,000 Southwestern Bell Telephone 3½ 1983 100,000 Southwestern Public Service 3.20 1979 196,000 Standard Oil N. J. 2¾ 1974 500,000 Swift & Co. 2½ 1973 48,000 Swift & Co. 2½ 1972 152,000 Union Oil of California 2¾ 1970 400,000 Union Pacific R. R. 2½ 1976 500,000 Virginia Electric Power 3 1978 100,000 Westinghouse Electric 3½ 1981 200,000	Public Service Electric & Gas	3			
Public Service Electric & Gas 2¾ 1980 100,000 Public Service Indiana 3 1979 100,000 San Diego Gas & Electric 2% 1984 100,000 Shell Union Oil 2½ 1971 400,000 Southern Bell Telephone 3 1979 150,000 Southern California Edison 3½ 1973 100,000 Southern Counties Gas 3¼ 1984 200,000 Southwestern Bell Telephone 3½ 1983 100,000 Southwestern Public Service 3.20 1979 196,000 Standard Oil N. J. 2¾ 1974 500,000 Swift & Co. 2½ 1973 48,000 Swift & Co. 2½ 1972 152,000 Union Oil of California 2¾ 1970 400,000 Union Pacific R. R. 2½ 1976 500,000 Virginia Electric Power 3 1978 100,000 Westinghouse Electric 3½ 1981 200,000	Public Service Electric & Gas	27/8	1979	197,000	
Public Service Indiana 3 1979 100,000 San Diego Gas & Electric 2% 1984 100,000 Shell Union Oil 2½ 1971 400,000 Southern Bell Telephone 3 1979 150,000 Southern California Edison 3½ 1973 100,000 Southern Counties Gas 3¼ 1984 200,000 Southwestern Bell Telephone 3½ 1983 100,000 Southwestern Public Service 3.20 1979 196,000 Standard Oil N. J. 2¾ 1974 500,000 Swift & Co. 2½ 1973 48,000 Swift & Co. 2½ 1973 48,000 Swift & Co. 2½ 1972 152,000 Union Oil of California 2¾ 1970 400,000 Union Pacific R. R. 2½ 1976 500,000 Virginia Electric Power 3 1978 100,000 Westinghouse Electric 3½ 1981 200,000	Public Service Electric & Gas	$2\frac{3}{4}$	1980		
Shell Union Oil 2½ 1971 400,000 Southern Bell Telephone 3 1979 150,000 Southern California Edison 3½ 1973 100,000 Southern Counties Gas 3½ 1984 200,000 Southwestern Bell Telephone 3½ 1983 100,000 Southwestern Public Service 3.20 1979 196,000 Standard Oil N. J. 2¾ 1974 500,000 Swift & Co. 2½ 1973 48,000 Swift & Co. 2½ 1972 152,000 Union Oil of California 2¾ 1970 400,000 Union Pacific R. R. 2½ 1976 500,000 U. S. Steel 2.60 1962 300,000 Virginia Electric Power 3 1978 100,000 Westinghouse Electric 3½ 1981 200,000	Public Service Indiana	3			
Southern Bell Telephone 3 1979 150,000 Southern California Edison 3 1/8 1973 100,000 Southern Counties Gas 31/4 1984 200,000 Southwestern Bell Telephone 3 1/8 1983 100,000 Southwestern Public Service 3.20 1979 196,000 Standard Oil N. J. 2 3/4 1974 500,000 Swift & Co. 2 7/8 1973 48,000 Swift & Co. 2 5/8 1972 152,000 Union Oil of California 2 3/4 1970 400,000 Union Pacific R. R. 2 7/8 1976 500,000 U. S. Steel 2.60 1962 300,000 Virginia Electric Power 3 1978 100,000 Westinghouse Electric 3 1/2 1981 200,000	San Diego Gas & Electric	$2\frac{7}{8}$			
Southern California Edison 3½ 1973 100,000 Southern Counties Gas 3½ 1984 200,000 Southwestern Bell Telephone 3½ 1983 100,000 Southwestern Public Service 3.20 1979 196,000 Standard Oil N. J. 2¾ 1974 500,000 Swift & Co. 2½ 1973 48,000 Swift & Co. 2½ 1972 152,000 Union Oil of California 2¾ 1970 400,000 Union Pacific R. R. 2½ 1976 500,000 U. S. Steel 2.60 1962 300,000 Virginia Electric Power 3 1978 100,000 Westinghouse Electric 3½ 1981 200,000	Shell Union Oil	$2\frac{1}{2}$			
Southern Counties Gas 3¼ 1984 200,000 Southwestern Bell Telephone 3½ 1983 100,000 Southwestern Public Service 3.20 1979 196,000 Standard Oil N. J. 2¾ 1974 500,000 Swift & Co. 2½ 1973 48,000 Swift & Co. 2½ 1972 152,000 Union Oil of California 2¾ 1970 400,000 Union Pacific R. R. 2½ 1976 500,000 U. S. Steel 2.60 1962 300,000 Virginia Electric Power 3 1978 100,000 Westinghouse Electric 3½ 1981 200,000	Southern Bell Telephone	3		150,000	
Southwestern Public Service 3.20 1979 195,000 Standard Oil N. J. 2¾ 1974 500,000 Swift & Co. 2½ 1973 48,000 Swift & Co. 2½ 1972 152,000 Union Oil of California 2¾ 1970 400,000 Union Pacific R. R. 2½ 1976 500,000 U. S. Steel 2.60 1962 300,000 Virginia Electric Power 3 1978 100,000 Westinghouse Electric 3½ 1981 200,000	Southern California Edison	3 1/8			
Southwestern Public Service 3.20 1979 195,000 Standard Oil N. J. 2¾ 1974 500,000 Swift & Co. 2½ 1973 48,000 Swift & Co. 2½ 1972 152,000 Union Oil of California 2¾ 1970 400,000 Union Pacific R. R. 2½ 1976 500,000 U. S. Steel 2.60 1962 300,000 Virginia Electric Power 3 1978 100,000 Westinghouse Electric 3½ 1981 200,000	Southern Counties Gas	3 7/4 2 1/			
Standard Oil N. J. 2¾ 1974 500,000 Swift & Co. 2½ 1973 48,000 Swift & Co. 2½ 1972 152,000 Union Oil of California 2¾ 1970 400,000 Union Pacific R. R. 2½ 1976 500,000 U. S. Steel 2.60 1962 300,000 Virginia Electric Power 3 1978 100,000 Westinghouse Electric 3½ 1981 200,000	Southwestern Bell Telephone	ა / /8			
Swift & Co. 2½ 1973 48,000 Swift & Co. 2½ 1972 152,000 Union Oil of California 2¾ 1970 400,000 Union Pacific R. R. 2½ 1976 500,000 U. S. Steel 2.60 1962 300,000 Virginia Electric Power 3 1978 100,000 Westinghouse Electric 3½ 1981 200,000	Standard Oil N I	23/4			
Swift & Co. 2% 1972 152,000 Union Oil of California 2% 1970 400,000 Union Pacific R. R. 2% 1976 500,000 U. S. Steel 2.60 1962 300,000 Virginia Electric Power 3 1978 100,000 Westinghouse Electric 3½ 1981 200,000	Swift & Co	27/2			
Union Pacific R. R. 2% 1976 500,000 U. S. Steel 2.60 1962 300,000 Virginia Electric Power 3 1978 100,000 Westinghouse Electric 3½ 1981 200,000	Swift & Co.	25%			
Union Pacific R. R. 2% 1976 500,000 U. S. Steel 2.60 1962 300,000 Virginia Electric Power 3 1978 100,000 Westinghouse Electric 3½ 1981 200,000	Union Oil of California	2.3/4			
U. S. Steel 2.60 1962 300,000 Virginia Electric Power 3 1978 100,000 Westinghouse Electric 3½ 1981 200,000	Union Pacific R. R.	$\frac{27}{8}$			
Virginia Electric Power 3 1978 100,000 Westinghouse Electric 3½ 1981 200,000	U. S. Steel	2.60			
Westinghouse Electric 3½ 1981 200,000 Wisconsin Electric Power 3½ 1984 150,000 Wisconsin Power & Light 3¼ 1971 144,000 Wisconsin Public Service 3¼ 1971 134,000	Virginia Electric Power	3		100,000	
Wisconsin Electric Power 31/8 1984 150,000 Wisconsin Power & Light 31/4 1971 144,000 Wisconsin Public Service 31/4 1971 134,000	Westinghouse Electric	$3\frac{1}{2}$			
Wisconsin Power & Light 3¼ 1971 144,000 Wisconsin Public Service 3¼ 1971 134,000	Wisconsin Electric Power	$3\frac{1}{8}$			
Wisconsin Public Service 34 1971 134,000	Wisconsin Power & Light	$3\frac{1}{4}$			
	Wisconsin Public Service	$3\frac{1}{4}$	1971	134,000	

\$19,281,000

FIRE AND POLICE PENSION FUND BOND DISTRIBUTION

June 30, 1958

MISCELLANEOUS	Rate	Maturity		Par Value
British Columbia Power Comm. Government of Canada International Bank International Bank International Bank International Bank International Bank Province of Ontario Province of Ontario Province of Saskatchewan Quebec Hydro Electric TOTAL MISCELLANEOUS TOTAL PAR VALUE	2 ³ 4 3 3 3 ¹ / ₈ 3 1/ ₂ 3 3/ ₈ 4 4 4 3/ ₄ 3 1/ ₂	1987 1974 1972 1976 1975 1969 1981 1983 1977	\$ 200,000 200,000 50,000 110,000 100,000 200,000 200,000 300,000	\$ 1,760,000 \$29,141,000
TOTAL TARE VILOR				

FIRE AND POLICE PENSION FUND

Statement of Operations Compared

Fiscal Year 1951-52 to 1957-58

REVENUES Taxes Interest Rental of Property	847,969	1956–57 \$5,052,812 737,261	1955–56 \$4,680,767 669,184	1954–55 \$4,420,757 616,513	1953-54 \$4,184,617 563,509 150	1952–53 \$3,832,736 531,973 180	1951–52 \$3,504,635 510,300 165
Rental of Property Members Contributions Sales of Unclaimed Property Bonus Donations Miscellaneous	45,499 26 343	2,599,947 66,351 35 435 634	2,293,139 16,197 110 352 286	2,247,588 38,945 35 757 266	2,100,587 16,793 161 101 437	2,004,618 9,557 174 40 7,712	1,803,395 17,534 56 1,100 1,106
TOTAL REVENUES (available for current year's expenditures)		\$8,457,475	\$7,660,035	\$7,324,861	\$6,866,355	\$6,386,990	\$5,838,291
EXPENDITURES	<u></u>						
Pensions Paid							
Service Disability Widows Minors Dependents	875,570 1,380,813 37,476	\$4,161,635 750,143 1,294,678 35,049 6,339	\$4,096,813 712,129 1,197,976 34,618 7,010	\$3,909,343 681,389 1,141,720 38,549 7,010	\$3,787,430 612,099 1,062,308 31,310 8,025	\$3,736,833 547,713 1,013,865 27,706 10,528	\$3,673,892 486,343 967,331 31,946 8,202
Non-Service Disability Widows Minors	84,872	126,255 65,506 17,037	100,380 54,649 13,912	81,925 46,358 10,587	67,867 43,089 8,230	60,887 29,536 9,838	50,986 31,043 3,264
TOTAL PENSIONSAdministrative Expenses		\$6,456,642 87,583	\$6,217,487 87,370	\$5,916,881 78,549	\$5,620,358 79,966	\$5,436,906 83,387	\$5,253,007 66,415
TOTAL EXPENDITURES	\$6,870,081	\$6,544,225	\$6,304,857	\$5,995,430	\$5,700,324	\$5,520,293	\$5,319,422
EXCESS OF REVENUES OVER EXPENDITURES	\$2,386,146	\$1,913,250	\$1,355,178	\$1,329,431	\$1,166,031	\$ 866,697	\$ 518,869

CHARTER AND ORDINANCE PROVISIONS GOVERNING PENSION SYSTEM

ARTICLE XVII DEPARTMENT OF PENSIONS

Sec. 180. The Board of Pension Commissioners shall administer the fire and police pension system of the city, and have exclusive control of the administration and investment of the fire and police pension fund which may be established as hereinafter provided; provided, however, that any money in such fund shall be kept on deposit in the City Treasury or be invested in bonds and securities authorized by law as legal investment for savings banks. Such bonds or other securities purchased as aforesaid shall be placed in the custody of the Treasurer, who is hereby directed to act as a depository for such bonds or securities. All interest and earnings from such investments shall accrue and be deposited to the credit of the fire and police pension fund.

Sec. 181. Any member of the Fire or Police Department who shall have served in such department for twenty years or more in the aggregate in any capacity or rank whatever, on his request, or by order of the board, if it be deemed for the good of the department, shall be retired from further service in such department, and such member shall thereafter during his lifetime, be paid in equal monthly installments from said fund a pension as follows: for twenty years' aggregate service, forty per cent (40%) of the average monthly rate of salary assigned to the ranks or positions held by such member during the three years immediately preceding the date of his retirement; and an additional two per cent (2%) of such average rate of salary for each year over twenty and less then twenty five years in the aggregate serviced by such member before less than twenty-five years in the aggregate served by such member before retirement; for twenty-five years' aggregate service, fifty per cent (50%) of the average monthly rate of salary assigned to the ranks or positions held by such member during the three years immediately preceding the date of his retirement; and an additional one and two-thirds per cent (1 2/3%) of such average rate of salary for each year over twenty-five and less than thirty-five years in the aggregate served by such member before retirement; for thirty-five years or more aggregate service, twothirds (2/3) of the average monthly rate of salary assigned to the ranks or positions held by such member during the three years immediately preceding the date of his retirement. Provided, further, however, that any such member of the Fire or Police Department who shall have become a member of such department prior to January 17, 1927, who shall have served in such department for thirty years in the aggregate in any capacity or rank whatever, shall, on his request, or by order of the board, if it be deemed for the good of the department, be retired from further service in such department, and he shall thereafter, during his lifetime, be paid in equal monthly installments from said fund a pension equal to two-thirds (2/3) of the average monthly rate of salary assigned to the ranks or positions held by such member during the three years immediately preceding the date of his retirement. Provided, that after twenty years' aggregate service, on request of such member who shall have become a member of such department prior to January 17, 1927, or by the board for the good of the department, such member shall be retired and paid in equal monthly installments from said fund a limited pension as follows: For twenty years'

aggregate service, fifty per cent (50%) of the average monthly rate of salary assigned to the ranks or positions held by such member during the three years immediately preceding the date of his retirement; and an additional one and two-thirds per cent (1 2/3%) of such average rate of salary for each year over twenty years and less than thirty years in the aggregate served by such member before retirement.

In computing the aggregate period of service of a member of the Fire or Police Department for the purposes of this section, there shall be included the period or periods of time, if any, while such member was on disability retirement pursuant to the provisions of Sections 182 or 182 1/4, of this charter.

The provisions of this section are subject to the further conditions set forth in Section 181½ of this charter.

Sec. 181½. The limitations of the amount of maximum pension payable pursuant to Section 181 of this Article shall apply uniformly to all members of the Fire and Police Departments.

Sec. 182. Whenever any member of the Fire or Police Department shall become so physically or mentally disabled by reason of bodily injuries received in, or by reason of sickness caused by the discharge of the duties of such person in such department as to render necessary his retirement from active service, the board shall order and direct that such member be retired from further service in such department; and thereafter such member so retired shall, during his lifetime, be paid from said pension fund a pension in an amount to be determined by the said board, but which pension shall be equal to not less than fifty per cent (50%), nor more than ninety per cent (90%), of the salary attached to the rank or position held by him in such department at the date of such retirement order. Such pension shall be paid in equal monthly installments. Provided, however, that any pension granted to any member of the Fire or Police Department for disability or sickness, as provided for in this section, shall cease when the disability or sickness ceases and such member shall, subject to civil service and other provisions of this charter governing the appointment of city employees, have been restored to active duty in such department of which such person was a member at the time of retirement to the same rank or position which such person held at said time. Provided, further, that the Board of Pension Commissioners shall have the power to hear and determine all matters pertaining to the granting and termination of any pension award as provided for in this section. Said board shall make its findings in writing, based upon the report of at least three regularly licensed, practicing physicians, and such other evidence concerning such disability as it may have before it. Said board shall determine the degree of disability and such determination shall govern the amount of pension to be awarded to such disabled member as hereinabove provided; and provided, further, that upon the written request of any such retired member, or upon its own motion, said board shall have the power, at any time prior to the restoration of such retired member to active service, to consider new evidence pertaining to the case of any such retired member, and to increase or decrease the amount of such pension award to be thereafter paid.

Sec. 1821/4. Any member of the Fire or Police Department who shall have served in such department for five years or more in the aggregate from the date of his last appointment to such department and who has become physically or mentally incapacitated by reason of injuries or sickness other than injuries received or sickness caused by the discharge of the duties of such person in such department, and who is incapable as a

result thereof from performing his duties, shall be retired upon written application of such person or of any person acting in his behalf or of the head of the department in which such member is employed.

The board shall cause such member to be examined by and a written report thereon rendered by three regularly licensed, practicing physicians selected by said board, and shall hear such other evidence relating to such disability of such member as may be presented to said board. If, upon considering the report of such physicians and such other evidence as shall have been presented to it, said board finds that said member has become physically or mentally incapacitated by reason of the injuries or sickness other than injuries received or sickness caused by the discharge of the duties of such member in such department, and he is incapable as a result thereof of performing his duties, and if said board finds that such disability was not due to or caused by the moral turpitude of such member, he shall be retired from further service in such department, and thereafter such member so retired shall, during his lifetime, be paid from said pension fund a pension in an amount equal to forty per cent (40%) of the highest salary (exclusive of any amount payable by reason of assignment to special duty) attached to the rank of policeman or fireman at the date of such retirement order. Such pension shall be paid in equal monthly installments. Provided, however, that any pension granted to any member of the Fire or Police Department for disability or sickness as provided in this section shall cease when the disability or sickness ceases, and such member shall, subject to civil service and other provisions of this charter governing the employment of city employees, have been restored to active duty in such department of which such person was a member at the time of retirement to the same rank or position which such person held at said time. Provided, further, that the Board of Pension Commissioners shall have the power to hear and determine all matters pertaining to the granting and termination of any pension award as provided for in this section.

This section shall be applicable only where a member is not entitled to a disability pension under the provisions of Section 182.

Sec. 182½. If at any time any member of the Fire or of the Police Department or the widow, child or children, or dependent parent or parents of any such member, or any other person hereafter entitled under the provisions of this article to pension benefits, shall be granted, because of the sickness, injury or death of such member, any compensation or award, under any general law providing for compensation or indemnity in case of the sickness, injury or death arising out of the performance of duty of such member, then and in that event any payments made pursuant to the provisions of this article to such member or to such widow, child or children, dependent parent or parents or other person, shall be construed to be and shall be payments of such compensation or award under such general law, and any payments made under the provisions of this article shall be first applied to payment of such compensation or award and any balance of such payments made pursuant to the provisions of this article shall be deemed to be pension payments; and it is hereby provided that the pension provided for in this article for such member or such widow, child or children, dependent parent or parents, or such other person in case of any such award under such general law, shall be reduced in amount to the difference between the amount of pension provided for in this article, and the total amount of such compensation or award granted and paid under such general law until the total amount awarded under such general law shall have been fully paid.

After payment of the total amount of such compensation or award granted under such general law the payments herein provided for shall continue as pension benefits subject to the provisions of this article.

Sec. 183. Whenever any member of the Fire or Police Department shall die as a result of any injury received during the performance of his duty, or from sickness caused by the discharge of such duty, or after retirement, or while eligible to retirement from such department on account of years of service, then an annual pension shall be paid in equal monthly installments to his widow, or child or children, or dependent parent or parents, in an amount equal to one-half (1/2) of the average monthly rate of salary assigned to the ranks or positions held by such member during the three years immediately preceding the time of his death or the date of his retirement from active duty in such department. Said pension shall be paid to the widow during her lifetime or until she remarries, and thereafter a pension shall be paid in equal monthly installments, in an amount equal to one-half (1/2) of the average monthly rate of salary assigned to the ranks or positions held by such member during the three years immediately preceding the time of his death or the date of his retirement from active duty in such department to the legally appointed guardian of the child or children of such deceased member until such child or children shall have attained the age of eighteen years, or to his child or children should there be no widow until such child or children shall have attained the age of eighteen years, or to his dependent parent or parents during their lifetime or during such dependence, should there be no widow or child. Provided, however, that during the lifetime of such widow or until she shall remarry, an additional amount shall be paid to such widow for each child during the lifetime of such child, or until such child shall have married or reached the age of eighteen years, as follows: For one child, twenty-five per cent (25%) of the pension allowed as hereinabove set forth; for two children, forty per cent (40%) of such pension; and for three or more children, fifty per cent (50%) of such pension. Provided, further, however, that no widow of a pensioner shall be entitled to a pension unless she shall have been married to such deceased pensioner at least one year prior to the date of his retirement; and provided, further. that no widow of a member of the Fire or Police Department eligible for retirement from such department, who dies from causes other than those arising out of or from the performance of his duties, shall be entitled to a pension unless she shall have been married to such deceased member for at least one year prior to the date of his death, and provided, further, that if such widow, child or children shall marry, then the pension paid to the person so marrying shall cease, and provided, further, that should the dependency of such parent or parents terminate, then the pension paid to such dependent parent or parents shall cease. Provided, however, that the pension payable hereunder to the widow, child or children or dependent parent or parents of a member of the Fire or Police Department who became a member of such department on or subsequent to January 17, 1927, who, after retirement on account of years of service, but having served less than twenty-five years in the aggregate prior to the time of such retirement, or who, while eligible to retirement from such department on account of years of service, but prior to having served twenty-five years in the aggregate shall die from causes other than those arising out of or from the performance of his duties, shall not exceed the amount of the pension which such retired member was receiving at the time of his death or which such member eligible for retirement would have been eligible to receive at the date of his death under the provisions of Section 181 and $181\frac{1}{2}$

of this charter, and the additional amount payable to such widow on account of children pursuant to the provisions of this section shall be the applicable percentage hereinabove set forth of a pension in such maximum amount.

Sec. 1831/2. Whenever any member of the Fire or Police Department (other than a member retired on account of years of service or a member eligible to retirement on account of years of service, but including a member retired on account of disability pursuant to the provisions of Section 1821/4, of this charter) who shall have served in such department for five years or more in the aggregate from the date of his last appointment to such department, shall die from causes other than those arising out of or from the performance of his duties, then an annual pension shall be paid in equal monthly installments to his widow, or child or children, or dependent parent or parents, in an amount equal to forty per cent (40%) of the highest salary (exclusive of any amount payable by reason of assignment to special duty) attached to the rank of policeman or fireman at the date of such member's death. Said pension shall be paid to the widow during her lifetime or until she remarries, and thereafter a pension in the same amount shall be paid in equal monthly installments to the legally appointed guardian of the child or children of such deceased member until such child or children shall have attained the age of eighteen years, or to his child or children should there be no widow until such child or children shall have attained the age of eighteen years, or to his dependent parent or parents during their lifetime or during such dependence, should there be no widow or child, provided, however, that during the lifetime of such widow or until she shall remarry, an additional amount shall be paid to such widow for each child during the lifetime of such child, or until such child shall have married or reached the age of eighteen years, as follows: for one child, twenty-five per cent (25%) of the pension allowed as hereinabove set forth; for two children, forty per cent (40%) of such pension; and for three or more children, fifty per cent (50%) of such pension. Provided, further, however, that no widow shall be entitled to a pension pursuant to the provisions of this section unless she shall have been married to such deceased member for at least one year prior to the date of his death.

And provided further, that no widow of a member who shall die while on disability retirement pursuant to the provisions of Section 1821/4 of this charter shall be entitled to a pension pursuant to the provisions of this section unless she shall have been married to such deceased member for at least one year prior to the date of his retirement.

Sec. 184. That all pensions granted in accordance with the provisions of section 181, 182, 182½, 183 and 183½ hereof shall remain in full force and effect for the period granted, and any increase or decrease of salaries of active members of the Fire and Police Department shall not in anywise affect the amount of the pensions to be paid to retired members of such departments, or to any other person pensioned pursuant to the provisions of this article, nor shall the amount of such pensions be changed for any other reason, except as otherwise specifically provided in this article.

Sec. 185. For the purpose of the provisions contained herein, the Fire Department shall consist of all persons duly and regularly appointed in the Fire Department under civil service rules and regulations to perform the duties of a regular fireman in the City of Los Angeles, under whatever designation they may be described in any salary or departmental ordinance providing compensation for said Fire Department; and the Police Department shall consist of all members of such Police Department appointed under civil service rules and regulations and sworn in, as provided by law, to perform the duties of a regular police officer of the City of Los Angeles,

under whatever designation that they may be described in any salary or departmental ordinance providing compensation for the members of said Police Department. The provisions as herein in this charter contained shall apply to all members of the Fire and Police Departments as in this section defined, and to all members of said departments who have been heretofore granted pensions.

Sec. 186. For the purpose of providing for the payment of pensions, the expense of said Department of Pensions, and maintaining a reserve for said purposes henceforth, a fund is hereby created, to be known as the fire and police pension fund, which shall consist of all moneys heretofore paid into and all moneys, property and investments now in the fire and police pension fund, and all moneys hereafter paid into said fund in accordance with the provisions of this charter and of this section.

In order that the Council may be advised as to the amount of tax levy required to be made by the provisions of this section, the Board of Pension Commissioners shall annually and not later than the first day of June of each year prepare and transmit to the Council a statement consisting of and including only the following items:

- (1) The estimated requirements for the next succeeding fiscal year to pay and discharge (a) disability pensions, (b) widows' pensions, (c) minors' pensions, (d) dependents' pensions, and (e) the expense of said Department of Pensions; and
- (2) A sum equal to six per centum of the estimated total payrolls of the Fire and Police Departments for those members of said departments included within the pension provisions of this article for the next succeeding fiscal year.

In addition to the foregoing, in the event that all payments made and to be made from said fire and police pension fund during any current fiscal year shall exceed the total amount paid into said fund from all sources, then there shall be included in such statement a sum equal to the difference between the amount of moneys paid and estimated to be paid from said fire and police pension fund during the said current fiscal year and all moneys received and anticipated to be received into said fund during said fiscal year.

The Council shall annually levy a tax clearly sufficient to produce a sum in the total amount of all the items set forth in the statement required to be prepared by the Board of Pension Commissioners as hereinabove provided.

In addition to the receipts from taxes levied pursuant to the provisions of this section and the deductions from the salaries of the members of the Fire and Police Departments as provided for in Section 186½ hereof, there shall be paid into said fire and police pension fund the following moneys, to-wit:

- (a) All interest and earnings from the investment of said funds;
- (b) All contributions and donations to the Fire and Police Departments for services by any member or members thereof, except amounts of money donated to provide for any medal or permanent competitive award;
- (c) All fines imposed upon members of the Fire and Police Departments for violations of rules and regulations of said departments;
 - (d) All proceeds from the sale of unclaimed property.

All moneys paid into said fund during any fiscal year and not expended during said fiscal year for the payment of pensions or the expense of the Department of Pensions shall become a part of and be added to said reserve in said fund.

Sec. 186½. Each member of the Fire and Police Department included within the pension provisions of this article shall contribute to said fire and police pension fund in the manner as hereinafter in this section provided.

The administrative head of each such department shall cause to be shown on each and every payroll of said department a deduction of six per cent (6%) of the amount of salary, as shown on each such payroll, of each such member whose name appears thereon, and shall certify to the Controller on each such payroll the amount to be deducted from the compensation of each such member whose name appears thereon, and shall cause to be drawn a payroll check in favor of the Board of Pension Commissioners for the total amount of deduction shown on each payroll of such department, and said board shall deposit said payroll check to the credit of the fire and police pension fund. It shall be the duty of the administrative head of each department to cause to be furnished a copy of each and every such payroll hereinbefore mentioned to the said Board of Pension Commissioners.

Each member shall be deemed to consent and agree to each deduction made as provided for herein, and the payment of each payroll check to such member shall be a full and complete discharge and acquittance of all claims and demands whatsoever for the services rendered by such member during the period covered by such payroll, except such claims as such member may have to the benefits provided for in this article.

Sec. 188. The positions of general manager of the department and of secretary to the board may be consolidated, in the discretion of the board.

ORDINANCE No. 95,021

An ordinance amending Ordinance No. 67,778 by amending Sections 1 and 2 thereof.

The People of the City of Los Angeles do ordain as follows:

Section 1. Sections 1 and 2 of Ordinance No. 67,778 entitled "An ordinance providing for the issuance of a certificate of service to members of the Fire Department and Police Department who have conformed with the pension provisions of the Charter of the City of Los Angeles," approved September 20, 1930, are amended to read as follows:

Section 1. Definition "Member." The term "member" of the Fire Department as used herein shall refer to, mean and include all persons duly and regularly appointed in the Fire Department under civil service rules and regulations to perform the duties of a regular fireman of the City of Los Angeles and all persons, other than regular firemen, who were so appointed in said Department under such rules and regulations and who became members of the Fire and Police Pension System of the City of Los Angeles prior to June 16, 1947, whose duty it is to prevent or extinguish fires in the City of Los Angeles, under whatever designation they may be described in any salary or departmental ordinance providing compensation for said Fire Department; and the term "member" of the Police

Department as used herein shall refer to, mean and include all persons duly and regularly appointed in the Police Department under civil service rules and regulations and sworn in, as provided by law, to perform the duties of a regular police officer of the City of Los Angeles, under whatever designation they may be described in any salary or departmental ordinance providing compensation for said Police Department.

The provisions herein in this ordinance contained shall apply to all members of the Fire Department or Police Department as in this section defined.

Section 2. As soon as possible, and in any event within five (5) days after a member of the Fire Department or Police Department shall have served in such department the aggregate number of years entitling him to retirement as provided in Section 181 of the charter of the City of Los Angeles, regardless of whether such aggregate number of years of service shall have been completed prior or shall be completed subsequent to the effective date of this ordinance, there shall be issued to each such member a certificate showing the total number of years served by such member in such department, which certificate shall be irrevocable and shall serve as evidence of such service; provided, however, that if such member shall continue in the service of such department thereafter, such certificate shall be continuing in effect, and each year, and/or portion or portions of a year, thereafter served by such member in such department shall be added to such certificate and made part thereof the same and as fully as if said additional period or periods of service were actually entered thereon.

It shall be, and is hereby made the duty of the Board of Pension Commissioners to sign and issue such certificate to such member affected by the provisions of this section.

Section 3. The City Clerk shall certify to the passage of this ordinance and cause the same to be published in some daily newspaper printed and published in the City of Los Angeles.

I hereby certify that the foregoing ordinance was passed by the Council of the City of Los Angeles, at its meeting of June 9, 1949.

WALTER C. PETERSON, City Clerk.

By A. M. Morris, Deputy.

Approved this 15th day of June, 1949.

FLETCHER BOWRON, Mayor.