# C R E D E N T I A L S

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# **QDIA Validation**

# Pacific Funds Portfolio Optimization Funds

- Aggressive-Growth
- Growth
- Moderate
- Moderate-Conservative
- Conservative

December 7, 2016

DALBAR, Inc. Audit & Due Diligence Division

# Table of Contents

QDIA VALIDATION - STATUS AS OF DECEMBER 7, 2016	2
THE INVESTMENT → VALIDATION GRID → NOTEWORTHY OBSERVATIONS	<b>3</b> 3 4
INTRODUCTION	5
CAPITAL PRESERVATION / APPRECIATION ANALYSIS <i>PF Portfolio Optimization Funds</i> Capital Preservation and	6
APPRECIATION FINDINGS OUTCOMES FOR <i>PF PORTFOLIO OPTIMIZATION FUNDS</i>	6 7
Applicability as QDIA Alternative 1. Age Based - An investment fund product or model portfolio: 2. Risk Based - An investment fund product or model portfolio: 3. Managed Account - An investment management service:	<b>10</b> 10 12 13
QUALIFICATION ANALYSIS 1. SELF-DEALING PROHIBITIONS - A FIDUCIARY WITH RESPECT TO A PLAN: 2. CONDITIONS FOR QDIA FIDUCIARY RELIEF 3. QDIA REQUIREMENTS	<b>15</b> 15 16 16
REASONABLENESS AS AN INVESTMENT	18
<ol> <li>MINIMUM TRACK RECORD</li> <li>STABILITY OF THE ORGANIZATION</li> <li>ASSETS IN THE PRODUCT</li> <li>HOLDINGS CONSISTENT WITH STYLE</li> </ol>	18 18 18 18
<ul> <li>5. CORRELATION TO STYLE OR PEER GROUP</li> <li>6. EXPENSE RATIOS/FEES</li> <li>7. PERFORMANCE RELATIVE TO ASSUMED RISK</li> </ul>	19 19 19
8. PERFORMANCE RELATIVE TO A PEER GROUP	19

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## QDIA Validation - Status as of December 7, 2016

# DALBAR APPROVED

ALIDATED for QDIA

DALBAR has evaluated the *PF Portfolio Optimization Funds* offered by *Pacific Funds* (*Manager*) to determine if it complies with the requirements to be used as a Qualified Default Investment Alternative (QDIA) as defined by the Employee Retirement Income Security Act of 1974, as amended [ERISA] Section 404(c)(5) and associated regulations.

*PF Portfolio Optimization Funds* is referred to as the <u>Investment</u> and is a group of registered investment companies that are reported to be in compliance with all applicable regulations.



### **The Investment**

The *PF Portfolio Optimization Funds* (<u>*Investment*</u>), were examined in relation to requirements for a Qualified Default Investment Alternative under ERISA Section 404(c)(5). The <u>*Investment*</u> consists of the following portfolios in the "A" and "R" share classes:

- Aggressive-Growth
- Growth
- Moderate
- Moderate-Conservative
- Conservative

### →Validation Grid

The following table summarizes the ways in which the *PF Portfolio Optimization Funds* qualifies as a QDIA.

In each case the <u>Investment</u> being validated may be applicable as the only one used (standalone) or may be used in conjunction with other investments (sleeve) in a model portfolio managed by an investment adviser that qualifies under ERISA section 3(38). The QDIA validation determines which QDIA alternative(s) apply and whether the <u>Investment</u> may be used stand-alone and/or as a sleeve in a portfolio.

Appi	APPROPRIATE USES OF PF PORTFOLIO OPTIMIZATION FUNDS							
QDIA Alternative Stand Alone Sleeve of portfolio								
1	Age Based	No	Yes					
2	Risk Based	Yes	Yes					
3	Managed Account	No	Yes					
4	Short Term	N/A	N/A					
5	Grandfathered	N/A	N/A					



### Noteworthy Observations

The following observations were made during the review and evaluation of *PF Portfolio Optimization Funds* as a Qualified Default Investment Alternative (QDIA) to provide meaningful investments for participants and limit the exposure of the plan sponsor to the liability of making potentially imprudent decisions.

Use of all five *PF Portfolio Optimization Funds* as a plan's default enables each participant to be put into the investment that best matches his/her personal situation:

- Best fit from blending five investments...
  - ... Not forced into an investment based only on age.
- Change investments when situation changes... ... Not blindly waiting on the passage of time.
- > Avoids the conflict of interest that exists in a "single manager" fund:
  - One manager cannot be best at all investment types...
     ... *PF Portfolio Optimization Funds* picks the best managers of each type.
  - Uses objective criteria to select managers...
     ... Not based on internal bias to keep funds in-house.
- Changes asset allocation as market conditions changes to control the risk exposure:
  - Analytics and stress testing are used to periodically re-assess risk... ... Not relying exclusively on historical norms.
  - Early detection of structural changes, such as 2008... ... Not assuming that everything will remain the same.
- > Organizational commitment to a superior standard of care for service to:
  - o Advisors
  - Plan sponsors
  - Participants.

### Conclusion:

The selection and use of *PF Portfolio Optimization Funds* permit fiduciaries to avoid liability while at the same time providing the most suitable default for plan participants.



### Introduction

This report contains DALBAR's independent analysis of the *PF Portfolio Optimization Funds* and *Pacific Funds* and is intended to supplement the duty of fiduciaries to prudently select investments for use as a Qualified Default Investment Alternative. Since this is a supplement, the content of this report is intended facilitate and not to replace the evaluation required by regulations.

As an independent expert, DALBAR has no affiliation with the *PF Portfolio Optimization Funds* or *Pacific Funds* and has the training, experience and proficiency to conduct this analysis. DALBAR has a history of over 30-years and is generally recognized by industry and government as an independent third-party expert in the business of providing evaluations, ratings and due diligence. DALBAR certifications are recognized as marks of excellence in adviser services, communications, electronic and telephone services. DALBAR is the only ratings firm with an SEC no-action letter exempting certain of its evaluations from the testimonial rule.

This analysis consists of <u>four</u> separate evaluations that are designed to validate if the *PF Portfolio Optimization Funds* and *Pacific Funds* meet the requirements of ERISA section 404(c)(5) and related regulations. These evaluations are:

- Capital Preservation/Appreciation Analysis: Compares ability of the Investment to preserve capital in a down market and realize appreciation in an up market.
- Applicability as QDIA Alternative: A determination of which class or classes of QDIA are appropriate uses of the *PF Portfolio Optimization Funds*.
- **Qualification Analysis**: An evaluation of the qualifications of *Pacific Funds* to meet the regulatory requirements for a QDIA manager.
- Reasonableness as an Investment: An assessment of whether PF Portfolio Optimization Funds meet the DALBAR standard of reasonableness.

For more information concerning this report, please contact DALBAR at:

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### **Capital Preservation/Appreciation Analysis**

This analysis addresses the fundamental requirement of every asset allocation strategy to preserve capital while realizing appreciation.

The *PF Portfolio Optimization Funds* is compared to benchmarks of aggressive, moderate and conservative balanced funds in four critical periods to identify how responsive the *Investment* has been during these periods. The periods are:

- **Up Market (2009)**. Test of capital appreciation capability.
- Down Market (2008). Test of capital preservation capability.
- Turbulent Market (2011). Test of preservation and appreciation capability in volatile conditions.
- Recent Market (2015). Test of performance consistency in the most recent year.

The benchmarks of balanced funds are used to illustrate the relative performance in each of these market conditions. When successful, more aggressive investments should be above the median in Up Markets and below in Down Markets. When successful, more conservative investments should be above the median in Down Markets and below in Up Markets.

### **PF Portfolio Optimization Funds**

### **Capital Preservation and Appreciation Findings**

The *PF Portfolio Optimization Funds* have demonstrated consistency with the stated goals and emphasis of each fund during the most stressful periods in recent history. The conservative fund[s] performed well during the market decline of 2008 and the turbulence of 2011. The Aggressive-Growth and Growth funds were among the highest performers in the up years of 2009 and 2013.

### Funds Emphasizing Capital Preservation

The Conservative and the Moderate-Conservative funds both ranked among the highest during 2008 where capital preservation was tested most.

### Funds Emphasizing Appreciation

The Aggressive-Growth and the Growth funds both ranked above normal in 2009 and 2013 when the capital appreciation opportunity was the greatest.

### Fund Emphasizing Moderation

The Moderate fund demonstrated the ability to make a tradeoff between capital preservation and appreciation by remaining close to the median category through all years tested.

### **Outcomes for PF Portfolio Optimization Funds**

Abbreviations used in the tables that follow:

- A = Aggressive Benchmark (49 funds)
- M = Moderate Benchmark (102 funds)
- **C** = Conservative Benchmark (84 funds)

### - Aggressive-Growth Portfolio (Referred to in table as AGG)

Return Range	Up Year Return % 2009		Down Year Return % 2008		Turbulent Year Return % 2011		Recent Year Return % 2015	
High	33.59	<b>AGG</b> 33.28	5.39		6.73		3.36	
Above	Α		С		С		Α	
Normal	26.18		(4.64)		4.92		2.45	
Normal	М		М		М		М	
Normai	18.80		(15.12)		3.03		1.54	
Below	С		А		А		С	AGG
Normal	11.08		(25.15)		1.21		0.59	(1.56)
Low	3.70		(35.18)	<b>AGG</b> (40.02)	-0.60	<b>AGG</b> (4.20)	(3.20)	

### - Growth Portfolio (Referred to in table as GR)

Return Range	Retu	rn % 09	Down Year Return % 2008		Turbulent Year Return % 2011		Recent Year Return % 2015	
High	33.59	<b>GR</b> 30.40	5.39		6.73		3.36	
Above Normal	<b>A</b>		<b>C</b>		<b>C</b>		<b>A</b>	
Norma	26.18		(4.64)		4.92		2.45	
Normal	М		М		М		М	
Normai	18.80		(15.12)		3.03		1.54	
Below	С		Α		Α		С	GR
Normal	11.08		(25.15)		1.21		0.59	(0.90)
Low	3.70		(35.18)	<b>GR</b> (33.85)	-0.60	<b>GR</b> (2.04)	(3.20)	

- Moderate Portiono (Referred to in table as MOD)								
Return Range	Retu	Year rn % 09	Down Year Return % 2008		Turbulent Year Return % 2011		Recent Year Return % 2015	
High	33.59	MOD	5.39		6.73		3.36	
Above	Α	27.07	С		С		Α	
Normal	26.18		(4.64)		4.92		2.45	
	М		М		М		М	
Normal	18.80		(15.12)		3.03		1.54	
Below	С		A	MOD	Α		С	MOD
Normal	11.08		(25.15)	(26.73)	1.21		0.59	(0.92)
Low	3.70		(35.18)		-0.60	<b>MOD</b> (0.20)	(3.20)	

### - Moderate Portfolio (Referred to in table as MOD)

### - Moderate-Conservative Portfolio (Referred to in table as MC)

Return Range	Retu	∕ear rn % 09	Down Year Return % 2008		Turbulent Year Return % 2011		Recent Year Return % 2015		
High	33.59		5.39		6.73		3.36		
Above	Α		С		С		A		
Normal	26.18	мс	(4.64)		4.92		2.45		
	М	22.28	М	МС	М		М		
Normal	18.80		(15.12)	(18.76)	3.03		1.54		
Below	С		Α		Α	МС	С	МС	
Normal	11.08		(25.15)		1.21	1.13	0.59	(0.97)	
Low	3.70		(35.18)		-0.60		(3.20)		

Return Range	Retu	rn % 09	Retu	Down Year T Return % 2008		Turbulent Year Return % 2011		Recent Year Return % 2015	
High	33.59		49.75		6.73		3.36		
Above	Α		С	CON	С		A		
Normal	26.18		(4.64)	(10.26)	4.92		2.45		
Normal	М	CON	М		М	CON	М		
Normai	18.80	18.49	(15.12)		3.03	2.61	1.54		
Below	С		Α		A		С	CON	
Normal	11.08		(25.15)		1.21		0.59	(0.98)	
Low	3.70		(55.30)		-0.60		(3.20)		

### - Conservative Portfolio (Referred to in table as CON)

### **Applicability as QDIA Alternative**

There are five types of investments that are named as possible QDIA alternatives. In each case the <u>*Investment*</u> being validated may be applicable as the only one used (stand alone) or may be used in conjunction with other investments (sleeve). The alternatives are:

- 1. Age Based
- 2. Risk Based
- 3. Managed Account
- 4. Short Term (Omitted: Not suitable for this *Investment*)
- 5. Grandfathered (Omitted: Not suitable for this *Investment*)

The Applicability phase of the QDIA validation examines the <u>*Investment*</u> to determine which alternatives apply and whether it may be used stand-alone and/or as a sleeve.

А. Арр	A. APPLICABILITY AS QDIA ALTERNATIVE							
REQUIREMENT FOR QDIA ALTERNATIVE	STAND Alone	SLEEVE	COMMENTS					
1. Age Based - An investment fund product or model portfolio:								
a) that applies generally accepted investment theories,	N/A	Yes	The <u>Investment</u> engages a diverse group of unaffiliated managers that are selected based on their skills in managing a particular asset class. This "arms length" arrangement allows <i>Pacific Funds</i> to seek and use the best managers, without the conflicts or limitation of business or employment affiliation. The <u>Investment</u> aims to provide diversification across asset classes by investing primarily in underlying funds. The theory behind asset allocation is that diversification among asset classes can help reduce volatility over the long-term, which assumes that asset classes may not move in tandem and that positive returns in one or more classes will help offset negative returns in other asset classes. The fund advisor, <u>Pacific Fund Advisors</u> <u>LLC</u> , performs monthly, quarterly, and annual quantitative and a qualitative review of each portfolio to ensure it is competitive with its peers and true to its investment objectives. This diversified approach is considered to be a generally accepted theory.					

А. Арр	A. APPLICABILITY AS QDIA ALTERNATIVE								
REQUIREMENT FOR QDIA ALTERNATIVE	STAND Alone	SLEEVE	COMMENTS						
b) that is diversified so as to minimize the risk of large losses,	N/A	Yes	<i>Investment</i> is diversified across asset classes.						
c) that is designed to provide varying degrees of long-term appreciation and capital preservation	N/A	Yes	<u>Investment</u> may be used as a sleeve if the QDIA manager of the plan varies the degree of capital appreciation and capital preservation through the appropriate blend of the portfolios of the <u>Investment</u> .						
<ul> <li>d)through a mix of equity and fixed income exposures</li> </ul>	N/A	Yes	<i><u>Investment</u></i> contains both equities and fixed income securities.						
e)based on the participant's age, target retirement date (such as normal retirement age under the plan) or life expectancy.	N/A	Yes	<u>Investment</u> may be used as a sleeve if the QDIA manager of the plan selects the degree of capital appreciation and capital preservation based on the participants' age <b>but the</b> <u>Investment</u> <b>does not</b> <b>qualify by itself</b> .						
<ul> <li>f) Such products and portfolios change their asset allocations and associated risk levels over time with the objective of becoming more conservative (i.e., decreasing risk of losses) with increasing age.</li> </ul>	N/A	Yes	<u>Investment</u> may be used as a sleeve if the QDIA manager of the plan changes the risk levels over time with the objective of becoming more conservative.						
	ortfolio	in conj	<i>ation Funds</i> qualify to be used as part unction with other investments but QDIA.						

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A. APPLICABILITY AS QDIA ALTERNATIVE									
REQUIREMENT FOR QDIA ALTERNATIVE	STAND ALONE	SLEEVE	Comments						
2. Risk Based - An investment fund product or model portfolio:									
a) that applies generally accepted investment theories	Yes	Yes	The <i>Investment</i> engages a diverse group of unaffiliated managers that are selected based on their skills in managing a particular asset class. This "arms length" arrangement allows <i>Pacific Funds</i> to seek and use the best managers, without the conflicts and limitation of business or employment affiliation. The <i>Investment</i> aims to provide diversification across asset classes by investing primarily in underlying funds. The theory behind asset allocation is that diversification among asset classes can help reduce volatility over the long-term, which assumes that asset classes may not move in tandem and that positive returns in one or more classes will help offset negative returns in other asset classes. The fund advisor, <i>Pacific Fund Advisors</i> <i>ILC</i> , performs monthly, quarterly, and annual quantitative and a qualitative review of each portfolio to ensure it is competitive with its peers and true to its investment objectives. This diversified approach is considered to be a generally accepted theory.						
<ul> <li>b) that is diversified so as to minimize the risk of large losses</li> </ul>	Yes	Yes	<i>Investment</i> is diversified across asset classes.						
<ul> <li>c) that is designed to provide long-term appreciation and capital preservation</li> </ul>	Yes	Yes	<u><i>Investment</i></u> is designed to manage the risk of capital loss and produce appreciation that is consistent with capital preservation.						
d)through a mix of equity and fixed income exposures	Yes	Yes	<u>Investment</u> contains both equities and fixed income securities.						
e)consistent with a target level of risk appropriate for participants of the plan as a whole.	Yes	Yes	The exposure to risk is consistent with the goal of each portfolio of the <i><u>Investment</u></i> .						
SUMMARY: The <i>PF Portfolio Optimization Funds</i> qualify as a RISK-BASED QDIA either as a standalone investment or when used as part of a qualified model portfolio in conjunction with other investments.									

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A. APPLICABILITY AS QDIA ALTERNATIVE									
REQUIREMENT FOR QDIA ALTERNATIVE	STAND ALONE	SLEEVE	Comments						
3. Managed Account - An investment management service:									
<ul> <li>a) with respect to which a fiduciary that is either,</li> <li>I. an investment manager, within the meaning of section 3(38) of ERISA;</li> <li>II. a trustee of the plan that meets the requirements of section 3(38)(A), (B) and (C) of ERISA; or</li> <li>III. the plan sponsor who is a named fiduciary, within the meaning of section 402(a)(2) of ERISA,</li> </ul>	N/A	Yes	The <u>Investment</u> is not appropriate by itself as a managed account but may be included in a managed account by a qualified QDIA manager of the plan.						
<ul> <li>b)applying generally accepted investment theories,</li> </ul>	N/A	Yes	The <i>Investment</i> engages a diverse group of unaffiliated managers that are selected based on their skills in managing a particular asset class. This "arms length" arrangement allows <i>Pacific Funds</i> to seek and use the best managers, without the conflicts and limitation of business or employment affiliation. The <i>Investment</i> aims to provide diversification across asset classes by investing primarily in underlying funds. The theory behind asset allocation is that diversification among asset classes can help reduce volatility over the long-term, which assumes that asset classes may not move in tandem and that positive returns in one or more classes will help offset negative returns in other asset classes. The fund advisor, <i>Pacific Fund Advisors LLC</i> , performs monthly, quarterly, and annual quantitative and a qualitative review of each portfolio to ensure it is competitive with its peers and true to its investment objectives. This diversified approach is considered to be a generally accepted theory.						

A. APPLICABILITY AS QDIA ALTERNATIVE							
REQUIREMENT FOR QDIA ALTERNATIVE	STAND ALONE	SLEEVE	COMMENTS				
c)allocates the assets of a participant's individual account	N/A	Yes	The <i>Investment</i> is not appropriate by itself as a managed account but may be included in a managed account by a qualified QDIA manager of the plan.				
<ul> <li>d)to achieve varying degrees of long-term appreciation and capital preservation,</li> </ul>	N/A	Yes	<u>Investment</u> may be used as a sleeve if the QDIA manager of the plan varies the degree of capital appreciation and capital preservation through a blend of portfolios of the <u>Investment</u> or other investments.				
<ul> <li>e)through a mix of equity and fixed income exposures,</li> </ul>	N/A	Yes	<i><u>Investment</u></i> contains both equities and fixed income securities.				
<li>f)offered through investment alternatives available under the plan,</li>	N/A	Yes	The <u>Investment</u> is appropriate for inclusion in the plan and thus be made available to a qualified QDIA manager of the plan.				
g)based on the participant's age, target retirement date (such as normal retirement age under the plan) or life expectancy.	N/A	Yes	<u>Investment</u> may be used as a sleeve if the QDIA manager of the plan varies the degree of capital appreciation and capital preservation based on the participant's age, target retirement date or life expectancy.				
<ul> <li>h) Such portfolios are diversified so as to minimize the risk of large losses and</li> </ul>	N/A	Yes	<u>Investment</u> may be used as a sleeve if the QDIA manager of the plan varies the degree of capital appreciation and capital preservation through a blend of <i>PF</i> <i>Portfolio Optimization Funds</i> or the use of other investments.				
<ul> <li>i)change their asset allocations and associated risk levels for an individual account over time with the objective of becoming more conservative (i.e., decreasing risk of losses) with increasing age.</li> </ul>	N/A	Yes	<u>Investment</u> may be used as a sleeve if the QDIA manager of the plan varies the degree of capital appreciation and capital preservation through a blend of <i>PF</i> <i>Portfolio Optimization Funds</i> or the use of other investments for an individual account over time with the objective of becoming more conservative.				
SUMMARY: The <i>PF Portfolio Optimization Funds</i> do NOT qualify to be used in a MANAGED-ACCOUNT QDIA by itself but may be used as part of a qualified model portfolio in conjunction with other investments.							

# **Qualification Analysis**

No violations of self-dealing prohibitions were found and The *PF Portfolio Optimization Funds* was found to meet the QDIA requirements for the alternatives shown in the Validation Grid section of this report. The analysis included the following findings:

B. QUALIFICATION ANALYSIS						
REGULATORY GUIDELINE	DALBAR EVALUATION	RESULT	Comments			
1. Self-dealing P	1. Self-dealing Prohibitions - A fiduciary with respect to a plan:					
a) shall not deal with the assets of the plan in his own interest or for his own account,	Does <u>Manager</u> have discretion to vary its compensation based on changing holdings within the <u>Investment</u> ?	Pass	<u>Manager's</u> compensation is unaffected by investment decisions made for the <u>Investment</u> .			
b)in his individual or in any other capacity act in any transaction involving the plan on behalf of a party (or represent a party) whose interests are adverse to the interests of the plan or the interests of its participants or beneficiaries, or	Does <u>Manager</u> have interests that are adverse to those of participants?	Pass	<u>Manager's</u> interests are not adverse to participants' by virtue of the fact that <u>Manager's</u> compensation increases with growth in asset value in participants' accounts and decreases if assets decline.			
c)receive any consideration for his own personal account from any party dealing with such plan in connection with a transaction involving the assets of the plan.	Does <u>Manager</u> receive compensation from another party for managing the <u>Investment</u> ?	Pass	<u>Pacific Fund Advisors LLC</u> has not reported any direct or indirect compensation from any other party that may be dealing with plans that are likely to use the <i>PF</i> <i>Portfolio Optimization Funds</i> .			

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B. QUALIFICATION ANALYSIS						
REGULATORY GUIDELINE	DALBAR EVALUATION	RESULT	Comments			
2. Conditions for	2. Conditions for QDIA Fiduciary Relief					
a) Consider investment fees and expenses in choosing a QDIA	Do expenses for this <u>Investment</u> fall within the normal range of other investments of this type?	Pass	Actual Expenses (Actual) <u>for</u> PF Portfolio Optimization Funds are within 15% of other funds for "A" and "R" share classes. Expenses reflect the cost of active management required to find the best available managers for each asset class and the process used to select, monitor and replace managers as appropriate.			
b) Material is provided to participant relating to his/her QDIA.	Is <u>Investment</u> material appropriate for plan participants?	Pass	Material contains description that can be extracted to be appropriate for participants with only minimal investment knowledge.			
c) Notice must be written in a manner calculated to be understood by the average plan participant.	Is the information provided for inclusion in the required notice understandable to an average participant? <u>Note: Plan fiduciary</u> <u>must determine that</u> <u>the entire notice can</u> <u>be understood.</u>	Pass	Under most circumstances, the average plan participant will be able to understand the information extracted from the materials.			
3. QDIA Requirements						
a) QDIA shall not permit employer securities except as investments within regulated investment companies or as employer match.	Does <u>Investment</u> permit use of employer securities outside of the QDIA exceptions?	Pass	<u>Investments</u> and underlying funds are registered investment companies and qualify under the exemption applicable to employer securities.			

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B. QUALIFICATION ANALYSIS				
REGULATORY GUIDELINE	DALBAR EVALUATION	RESULT	COMMENTS	
b) QDIA may not impose financial penalties or restrict the ability of a participant to transfer.	Are there restrictions or fees to transfer out of <u>Investment</u> which are prohibited under QDIA regulations?	Pass	<u>Pacific Fund Advisors LLC</u> reports that the underlying investments, which may have restrictions, are not available for QDIA investment. When <i>PF Portfolio Optimization</i> <i>Funds</i> are used as QDIAs, there are no restrictions or fees to transfer out of a portfolio within a specific time period.	
c) QDIA is either managed by an investment manager, as defined in section 3(38) of ERISA, or plan trustee, or plan sponsor who is a named fiduciary or is a registered investment company or a stable value fund under State or federal regulation.	Does the <u>Manager</u> meet the criteria appropriate for the type of QDIA being validated?	Pass	<u>Investments</u> are registered investment companies.	

### **Reasonableness as an Investment**

QDIA regulations require that investments be reasonable, which DALBAR has further defined as falling within a normal range of comparable investments. The Reasonableness Analysis presented reflects this standard.

Plan fiduciaries are responsible for reviewing current investment information and making the determination that the *PF Portfolio Optimization Funds* is a reasonable investment for the plan. Plan fiduciaries, including plan sponsors, are encouraged to seek independent expert advice in making the selection and monitoring of investments.

In order to assist in the determination DALBAR provides the following observations based on information available at the time of this evaluation.

C. REASONABLENESS INVESTMENT ANALYSIS			
DALBAR INVESTMENT CRITERIA	OBSERVATIONS		
1. Minimum track record			
The average history for each underlying asset class investment strategy should be at least three years.	The history of underlying asset classes is well over three years.		
2. Stability of the organization			
The average tenure of the portfolio management team for each underlying asset class investment strategy should be at least two years.	Tenure of management of each underlying asset class investment strategy exceeds the threshold.		
3. Assets in the product			
The average underlying asset class investment strategy should have at least \$75 million under management (can include assets in other funds with the same strategy).	The assets under management of the <u><i>Investment</i></u> and each underlying asset class exceed the threshold.		
4. Holdings consistent with style			
<ul> <li>a) The allocation to equities is evaluated against the peer group – highest allocation to least - the screening threshold being set at the bottom quartile;</li> </ul>	The equity target allocations of the <i>PF</i> <i>Portfolio Optimization Funds</i> are within the norm for comparable funds.		
<ul> <li>b) The allocation to fixed income is evaluated against the peer group – highest allocation to least - the screening threshold being set at the bottom quartile.</li> </ul>	The fixed income target allocations of the <i>PF Portfolio Optimization Funds</i> are within the norm for comparable funds.		

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C. REASONABLENESS INVESTMENT ANALYSIS				
DALBAR INVESTMENT CRITERIA	OBSERVATIONS			
5. Correlation to style or peer group				
The number of asset classes that make up the QDIA are evaluated against the peer group - most asset classes to least - the screening threshold being set at the peer group median.	The underlying funds of the <i>PF Portfolio</i> <i>Optimization Funds</i> are diversified with respect to asset classes.			
6. Expense ratios/fees				
a) The wrapper expense is evaluated against the peer group – cheapest to most expensive - the screening threshold being set at the bottom quartile.	The wrapper expenses ranks in the third quartile of the peer group reflecting the cost of using the best available managers for each asset class and the process used to select, monitor and replace managers as appropriate.			
<ul> <li>b) The average expense ratio of each underlying asset class investment strategy is evaluated against the peer group - cheapest to most expensive - the screening threshold being set at the bottom quartile.</li> </ul>	In all cases expenses of the underlying investments are significantly lower than comparable benchmarks.			
7. Performance relative to assumed r	isk			
This analysis evaluates historical performance within the context of overall risk. It examines the number of positive and negative annual returns, the average of the positive and negative annual returns, and the best and worst annual returns, for a minimum of three years (max: 10 years).	Over the ten years evaluated, the investments had positive returns 74% of years and negative in 26%. Average positive return: +11.50% Average negative return: -10.88% Average best annual return: +26.30% Average worst annual return: -25.92%			
8. Performance relative to a peer group				
The average 1-, 3-, and 5-year performance of each asset class investment strategy is evaluated against the peer group's median.	The standard measures of performance (Cumulative for 1, 3, 5 and 10 years) indicate that the Investment's funds are comparable to respective peer groups.			