

## EXHIBIT R-2, RDT&amp;E Budget Item Justification

DATE:

February 2006

## APPROPRIATION/BUDGET ACTIVITY

RESEARCH DEVELOPMENT TEST &amp; EVALUATION, NAVY /

BA 4

## R-1 ITEM NOMENCLATURE

0603724N, NAVY ENERGY PROGRAM

COST (\$ in Millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	
Total PE Cost	7.510	8.521	1.600	1.586	1.750	1.801	1.857	
0838 NAVY MOBILITY FUELS, CLAIMANT NAVAIR	1.434	1.571	1.600	1.586	1.750	1.801	1.857	
2868 PROTON EXCHANGE MEMBRANE FUEL CELLS	2.701							
9498 MEGAWATT MOLTEN CARBONATE FUEL CELL	3.375							
9999 CONGRESSIONAL ADDS		6.950						

## A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

0838/Mobility Fuels - This program supports projects to evaluate, adapt, and demonstrate energy related technologies for Navy aircraft and ship operations to: (a) increase fuel-related weapons systems capabilities such as range and time on station; (b) reduce energy costs; (c) apply energy technologies that improve environmental compliance; (d) relax restrictive fuel specification requirements to reduce costs and increase availability worldwide; (e) provide guidance to fleet operators for the safe use of commercial grade or off-specification fuels when military specification fuels are unavailable or in short supply; and make needed periodic changes to fuel specifications to ensure fuel quality and avoid fleet operating problems. This program supports the achievement of legislated, White House, Department of Defense, and Navy Energy Management Goals. It also responds to direction from the Office of the Secretary of Defense, the Secretary of the Navy, and the Chief of Naval Operations to make up-front investment in technologies that reduce future cost of operation and ownership of the fleet and supporting infrastructure.

2868/Proton Exchange Membrane Fuel Cells - This is a Congressional add. Manufacture 12 Proton Exchange Membrane (PEM) Fuel Cell systems, install at Navy facility in Hawaii to be determined (TBD), operate for 12 months, collect and report performance data, remove systems and return sites to original condition. The purpose of the field test is to demonstrate the reliability and life of PEM fuel cell system that incorporate an advanced membrane electrode assembly that enhances producibility, performance, and reduces cost. The military requirement addressed is the facility requirement for electrical power and the need to find alternative, affordable energy sources.

9498/Megawatt (MW) Molten Carbonate Fuel Cell Demo - This is a Congressional add. Design and manufacture one 1 MW molten carbonate fuel cell and install at a Navy facility in California TBD, operate 12 months, collect and report performance data. The purpose of the field test is to demonstrate the feasibility of the molten carbonate fuel cell to interface with the associated power electronics for electrical connection and provide reliable electrical power. The military requirement addressed is the facility requirement for electrical power and the need to find alternative affordable energy sources.

EXHIBIT R-2a, RDT&E Project Justification							DATE:
							February 2006
APPROPRIATION/BUDGET ACTIVITY		PROGRAM ELEMENT NUMBER AND NAME					PROJECT NUMBER AND NAME
RDT&E, N /		BA 4 0603724N, NAVY ENERGY PROGRAM					0838, NAVY MOBILITY FUELS
COST (\$ in Millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
0838 NAVY MOBILITY FUELS, CLAIMANT NAVAIR	1.434	1.571	1.600	1.586	1.750	1.801	1.857
RDT&E Articles Qty							
<p>A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: This project provides data through engine and fuel system tests which relate the effects of changes in Navy fuel procurement specification properties to the performance and reliability of Naval ship and aircraft engines and fuel systems. This information is required to: (a) determine the extent to which unnecessarily restrictive specification features can be relaxed to reduce cost and increase availability worldwide; (b) provide guidance to fleet operators for the safe use of off-specification or commercial grade fuels when military specification fuels are unavailable or in short supply; and (c) make needed periodic changes to fuel specifications to ensure fuel quality and avoid fleet operating problems while accommodating evolutionary changes in the fuel supply industry. Recent problems with fuel quality have adversely affected ship and aircraft system performance and reliability and resulted in degradation of fuel in storage. The resulting readiness impacts, additional maintenance costs, and the cost of lost equipment, although difficult to quantify, are many times the cost of this product. Over the next decade, the potential for fuel quality related problems will increase because of changing industry practices required to comply with new environmental regulations. This project represents the only investment designed to maintain the Navy's ability to operate as a "smart" customer for fuels that cost over \$2.5 B per year for procurement, transport, storage and consuming and are essential to fleet operations.</p>							

EXHIBIT R-2a, RDT&E Project Justification			DATE: February 2006
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N /</b>	<b>BA 4</b>	PROGRAM ELEMENT NUMBER AND NAME <b>0603724N, NAVY ENERGY PROGRAM</b>	PROJECT NUMBER AND NAME 0838, NAVY MOBILITY FUELS
<p>B. ACCOMPLISHMENTS / PLANNED PROGRAM:</p>			
	FY 2005	FY 2006	FY 2007
Accomplishments / Effort / Sub-total Cost	.655	.795	.800
RDT&E Articles Qty			
<p><b>Aircraft Fuels</b>          Performs development, test and evaluation work on Naval aircraft fuels to: a) determine the extent to which unnecessarily restrictive specification features can be relaxed to reduce cost and increase availability worldwide; b) provide guidance to fleet operators for the safe use of military aircraft that include new additives or are from new sources including synthetics; and c) make needed periodic changes to the fuel specifications to ensure fuel quality and avoid fleet operating problems while accommodating evolutionary changes in the fuel supply industry.</p> <p>Continued development and evaluation of JP-5 copper contamination removal system. Initiated development of an equipment/fuel qualification procedure to evaluate and approve synthetic aircraft fuels. Completed evaluation of impacts of copper contamination on aircraft engine maintenance/performance.</p> <p>Continue development of a qualification procedure to evaluate and approve utilization of synthetic and ultra clean, low sulfur jet fuels. Continue development and evaluation of JP-5 copper contamination removal system. Initiate development of shipboard-based sensors and instruments to rapidly determine critical jet fuel properties. Implement +100 thermal stability enhancing jet fuel additive across T-45 ( Training aircraft fleet) fleet for shore-based application.</p> <p>Continue development of JP-5 copper contamination removal system. Continue development of a qualification procedure to evaluate and approve utilization of synthetic and ultra-clean, low sulfur jet fuels. Continue development of shipboard-based sensors and instruments to rapidly determine critical jet fuel properties.</p> <p>Conduct field trial of copper contamination system. Continue development of shipboard-based sensors and instruments to rapidly determine critical jet fuel properties. Continue development of a qualification procedure to evaluate and approve utilization of synthetic and ultra-clean, low sulfur jet fuels.</p>			

UNCLASSIFIED

EXHIBIT R-2a, RDT&E Project Justification				DATE: February 2006
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N /</b>		PROGRAM ELEMENT NUMBER AND NAME <b>BA 4 0603724N, NAVY ENERGY PROGRAM</b>		PROJECT NUMBER AND NAME 0838, NAVY MOBILITY FUELS
	FY 2005	FY 2006	FY 2007	
Accomplishments / Effort / Sub-total Cost	.779	.776	.800	
RDT&E Articles Qty				

**Ship Fuels**  
 Performs development, test and evaluation work on Naval ship propulsion fuels to: a) determine the extent to which unnecessarily restrictive specification features can be relaxed to reduce cost and increase availability worldwide; b) provide guidance to fleet operators for the safe use of off-specification or commercial grade fuels when military fuels are unavailable or in limited supply; and c) make needed periodic changes to fuel specifications to ensure fuel quality and avoid fleet operating problems while accomodating evolutionary changes in the fuel supply industry.

Continued assessment of the feasibility of specifying JP-5 (jet fuel) as the single fuel at sea for use by all Naval Systems (ships, aircraft and ground equipment). Continued review of the F-76 ship distillate fuel specification and test requirements evaluation to remove any unnecessary requirements to increase availability. Completed development and acceptance of commercial fuel specification American Society For teh Testing of Materials (ASTM D6985 Specification For Middle Distillate Fuel Oil- Military Marine Applications). Initiated development of a qualification procedure to evaluate and approve utilization of synthetic and ultr-clean. low sulfur ship fuels.

Complete assessment of the feasibility of specifying JP-5 as the Single Fuel at-sea for use by all Naval Systems (ships, aircraft and ground equipment). Continue development of a qualification procedure to evaluate and approve utilization of synthetic and ultra clean, low sulfur ship fuels. Complete F-76 specification and test requirements evaluation to determine, modify and/or remove any unnecessary requirements to increase availability.

Conduct JP-5 single fuel at sea iniative field trial. Continue development of a qualification procedure to evaluate and approve utilization of synthetic and ultra-clean, low sulfur ship fuels. Initiate development of shipboard-based sensors and instruments to rapidly determine critical ship fuel properties.

Initiate Implementation of JP-5 as Single Naval Fuel At-Sea. Continue development of a qualification procedure to evaluate and approve utilization of synthetic and ultra-clean, low sulfur ship fuels. Continue development of shipboard-based sensors and instruments to rapidly determine critical ship fuel properties.

UNCLASSIFIED

UNCLASSIFIED

EXHIBIT R-2a, RDT&E Project Justification								DATE: February 2006																																					
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N /</b>			PROGRAM ELEMENT NUMBER AND NAME <b>BA 4 0603724N, NAVY ENERGY PROGRAM</b>			PROJECT NUMBER AND NAME <b>0838, NAVY MOBILITY FUELS</b>																																							
<p>C. PROGRAM CHANGE SUMMARY</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Funding:</th> <th style="text-align: right;">FY 2005</th> <th style="text-align: right;">FY 2006</th> <th style="text-align: right;">FY 2007</th> </tr> </thead> <tbody> <tr> <td>Previous President's Budget:</td> <td style="text-align: right;">1.479</td> <td style="text-align: right;">1.595</td> <td style="text-align: right;">1.607</td> </tr> <tr> <td>Current BES / President's Budget:</td> <td style="text-align: right;">1.434</td> <td style="text-align: right;">1.571</td> <td style="text-align: right;">1.600</td> </tr> <tr> <td>Total Adjustments</td> <td style="text-align: right; border-top: 1px solid black;">-0.045</td> <td style="text-align: right; border-top: 1px solid black;">-0.024</td> <td style="text-align: right; border-top: 1px solid black;">-0.007</td> </tr> </tbody> </table> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: left;">Summary of Adjustments</th> </tr> </thead> <tbody> <tr> <td style="padding-left: 20px;">Congressional Undistributed Reductions</td> <td style="text-align: right;">-0.001</td> <td style="text-align: right;">-0.017</td> <td></td> </tr> <tr> <td style="padding-left: 20px;">Economic Assumptions</td> <td></td> <td style="text-align: right;">-0.007</td> <td style="text-align: right;">0.009</td> </tr> <tr> <td style="padding-left: 20px;">Program Adjustments</td> <td style="text-align: right;">-0.044</td> <td style="text-align: right;">-0.016</td> <td></td> </tr> <tr> <td style="text-align: right; padding-right: 10px;">Subtotal</td> <td style="text-align: right; border-top: 1px solid black;">-0.045</td> <td style="text-align: right; border-top: 1px solid black;">-0.024</td> <td style="text-align: right; border-top: 1px solid black;">-0.007</td> </tr> </tbody> </table> <p>Schedule: Schedules have been added since last President's Budget submit.</p> <p>Technical: Not Applicable</p>										Funding:	FY 2005	FY 2006	FY 2007	Previous President's Budget:	1.479	1.595	1.607	Current BES / President's Budget:	1.434	1.571	1.600	Total Adjustments	-0.045	-0.024	-0.007	Summary of Adjustments				Congressional Undistributed Reductions	-0.001	-0.017		Economic Assumptions		-0.007	0.009	Program Adjustments	-0.044	-0.016		Subtotal	-0.045	-0.024	-0.007
Funding:	FY 2005	FY 2006	FY 2007																																										
Previous President's Budget:	1.479	1.595	1.607																																										
Current BES / President's Budget:	1.434	1.571	1.600																																										
Total Adjustments	-0.045	-0.024	-0.007																																										
Summary of Adjustments																																													
Congressional Undistributed Reductions	-0.001	-0.017																																											
Economic Assumptions		-0.007	0.009																																										
Program Adjustments	-0.044	-0.016																																											
Subtotal	-0.045	-0.024	-0.007																																										
<p>D. OTHER PROGRAM FUNDING SUMMARY:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: right;">FY 2005</th> <th style="text-align: right;">FY 2006</th> <th style="text-align: right;">FY 2007</th> <th style="text-align: right;">FY 2008</th> <th style="text-align: right;">FY 2009</th> <th style="text-align: right;">FY 2010</th> <th style="text-align: right;">FY 2011</th> <th style="text-align: right;">To Complete</th> <th style="text-align: right;">Total Cost</th> </tr> </thead> <tbody> <tr> <td>Not Applicable</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table> <p>E. ACQUISITION STRATEGY:</p> <p>Not Applicable</p>											FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Cost	Not Applicable																									
	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Cost																																				
Not Applicable																																													

UNCLASSIFIED

## UNCLASSIFIED

Exhibit R-3 Cost Analysis (page 1)										DATE: February 2006		
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA 4		PROGRAM ELEMENT 0603724N, NAVY ENERGY PROGRAM				PROJECT NUMBER AND NAME 0838, NAVY MOBILITY FUELS						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost to Complete	Total Cost	Target Value of Contract
PRODUCT DEVELOPMENT												
Systems Engineering		NRL, WASHINGTON DC		.350	3/1/2005					Continuing	Continuing	
SUBTOTAL PRODUCT DEVELOPMENT				.350						Continuing	Continuing	
Remarks:												
SUPPORT												
SUBTOTAL SUPPORT												
Remarks:												
TEST & EVALUATION												
Developmental Test & Evaluation	VARIOUS	VARIOUS		.077	VARIOUS	.795	VARIOUS	.800	VARIOUS	Continuing	Continuing	
Developmental Test & Evaluation		SOUTHWEST RESEARCH INSTITUTE, SAN		.228	3/1/2005					Continuing	Continuing	
SUBTOTAL TEST & EVALUATION				.305		.795		.800		Continuing	Continuing	
Remarks:												
MANAGEMENT												
Program Management Support	VARIOUS	VARIOUS		.779	VARIOUS	.437	VARIOUS	.453	VARIOUS	Continuing	Continuing	
Program Management Support		SOUTHWEST RESEARCH INSTITUTE, SAN				.339	3/1/2006	.347	3/1/2007	Continuing	Continuing	
SUBTOTAL MANAGEMENT				.779		.776		.800		Continuing	Continuing	
Remarks:												
Total Cost				1.434		1.571		1.600		Continuing	Continuing	
Remarks:												

UNCLASSIFIED

CLASSIFICATION:
-----------------

EXHIBIT R4, Schedule Profile

DATE:	<b>February 2006</b>
-------	----------------------

DATE:	<b>February 2006</b>
-------	----------------------

APPROPRIATION/BUDGET ACTIVITY	
RDT&E, N /	BA-4

PROGRAM ELEMENT NUMBER AND NAME
0603724N, NAVY ENERGY PROGRAM

PROJECT NUMBER AND NAME
0838, NAVY MOBILITY FUELS

RDT&amp;E, N / BA-4

0603724N, NAVY ENERGY PROGRAM

0838, NAVY MOBILITY FUELS

[illegible]





UNCLASSIFIED

EXHIBIT R-2a, RDT&E Project Justification							DATE:	February 2006
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N /</b>		<b>BA 4</b>		PROGRAM ELEMENT NUMBER AND NAME <b>0603724N, NAVY ENERGY PROGRAM</b>			PROJECT NUMBER AND NAME 2868, PROTON EXCHANGE MEMBRANE FUEL CELLS	
COST (\$ in Millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	
2868 PROTON EXCHANGE MEMBRANE FUEL CELLS	2.701							
RDT&E Articles Qty	12							
<p>A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: 2868/Proton Exchange Membrane Fuel Cells - This is a Congressional add. Manufacture 12 Proton Exchange Membrane (PEM) Fuel Cell systems, install at PWC Pearl Harbor, Hawaii , operate for 12 months, collect and report performance data, remove systems and return sites to original condition. The purpose of the field test is to demonstrate th reliability and life of PEM fuel cell systems that incorporate an advanced membrane electrode assembly that enhances producibility, performance, and reduces cost. The military requirement addressed is the facility requirement for electrical power and the need to find alternative, affordable energy sources.</p>								

UNCLASSIFIED

**UNCLASSIFIED**

--

	EX-0007	EX-0008	EX-0009
--	---------	---------	---------


Summary of Adjustments			
Congressional Undistributed Reductions	-0.074		
Congressional Increases	0.001		
Subtotal	-0.073	0.000	0.000

UNCLASSIFIED

EXHIBIT R-2a, RDT&E Project Justification								DATE: February 2006	
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N /</b>		<b>BA 4</b>		PROGRAM ELEMENT NUMBER AND NAME <b>0603724N, NAVY ENERGY PROGRAM</b>			PROJECT NUMBER AND NAME 2868, PROTON EXCHANGE MEMBRANE FUEL CELLS		
D. OTHER PROGRAM FUNDING SUMMARY: N/A		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete Total Cost
E. ACQUISITION STRATEGY: Program management and acquisition by Naval Air Warfare Center Weapons Division (NAWCWD). Technical management by NAWCWD. Contracting strategy is sole source firm fixed price contract (Hoku Scientific).									

UNCLASSIFIED

UNCLASSIFIED

EXHIBIT R-2a, RDT&E Project Justification							DATE: February 2006
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N /</b>		<b>BA 4</b>		PROGRAM ELEMENT NUMBER AND NAME <b>0603724N, NAVY ENERGY PROGRAM</b>			PROJECT NUMBER AND NAME 9498, MEGAWATT MOLTEN CARBONATE FUEL CELL DEMO
COST (\$ in Millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
9498 MEGAWATT MOLTEN CARBONATE FUEL CELL	3.375						
RDT&E Articles Qty	1						
<p>A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: 9498/Megawatt (MW) Molten Carbonate Fuel Cell Demo - This is a Congressional add. Design and manufacture one 1 MW molten carbonate fuel cell and install at MCB Camp Pendleton in California, operate for 12 months, collect and report performance data. The purpose of the field test is to demonstrate the feasibility of the molten carbonate fuel cell to interface with the associated power electronics for electrical grid connection and provide reliable electrical power. The military requirement addressed is the facility requirement for electrical power and the need to find alternative, affordable energy sources. This was a new start effort in FY05. Project value includes potential for cost savings, environmental mitigation, and energy security for electrical power production.</p>							

UNCLASSIFIED

UNCLASSIFIED

EXHIBIT R-2a, RDT&E Project Justification			DATE: February 2006
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N /</b>	<b>BA 4</b>	PROGRAM ELEMENT NUMBER AND NAME <b>0603724N, NAVY ENERGY PROGRAM</b>	PROJECT NUMBER AND NAME 9498, MEGAWATT MOLTEN CARBONATE FUEL CELL DEMO
B. ACCOMPLISHMENTS / PLANNED PROGRAM:			
	FY 2005	FY 2006	FY 2007
Accomplishments / Effort / Sub-total Cost	3.375		
RDT&E Articles Qty	1		
9498/Megawatt Molten Carbonate - Design, manufacture, installation, operation, and performance evaluation of one 1 Megawatt molten carbonate fuel cell at MCB Camp Pendleton in California.			

UNCLASSIFIED

UNCLASSIFIED

EXHIBIT R-2a, RDT&E Project Justification							DATE: February 2006	
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N /</b>		<b>BA 4</b>	PROGRAM ELEMENT NUMBER AND NAME <b>0603724N, NAVY ENERGY PROGRAM</b>				PROJECT NUMBER AND NAME 9498, MEGAWATT MOLTEN CARBONATE FUEL CELL DEMO	

  

C. PROGRAM CHANGE SUMMARY

Funding:	FY 2005	FY 2006	FY 2007	
Previous President's Budget:	3.466			
Current BES / President's Budget:	3.375	0.000	0.000	
Total Adjustments	-0.091	0.000	0.000	

  

Summary of Adjustments				
Congressional Undistributed Reductions	-0.092			
Congressional Increases	0.001			
Subtotal	-0.091	0.000	0.000	

  

Schedule: Not Applicable.

  

Technical: Not Applicable.

  

D. OTHER PROGRAM FUNDING SUMMARY:

	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Cost
N/A									

UNCLASSIFIED

# UNCLASSIFIED

## CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification			DATE: <b>February 2006</b>																															
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-4</b>	PROGRAM ELEMENT NUMBER AND NAME 0603724N, NAVY ENERGY PROGRAM	PROJECT NUMBER AND NAME 9999, Congressional Adds																																
<table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 20px;"><tr><td style="width: 30%; padding: 2px;">9498</td><td style="width: 10%;"></td><td style="width: 15%; text-align: center; padding: 2px;">FY 05</td><td style="width: 15%; text-align: center; padding: 2px;">FY 06</td><td style="width: 15%; text-align: center; padding: 2px;">FY 07</td></tr><tr><td style="padding: 2px;">Accomplishments/Effort/Subtotal Cost</td><td></td><td style="text-align: center; padding: 2px;">0.000</td><td style="text-align: center; padding: 2px;">3.200</td><td style="text-align: center; padding: 2px;">0.000</td></tr><tr><td style="padding: 2px;">RDT&amp;E Articles Quantity</td><td></td><td></td><td style="text-align: center; padding: 2px;">1</td><td></td></tr></table> <div style="border: 1px solid black; padding: 5px; min-height: 60px; margin-bottom: 20px;">One megawatt molten carbonate fuel cell demonstrator--Camp Pendleton</div> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 20px;"><tr><td style="width: 30%; padding: 2px;">9769</td><td style="width: 10%;"></td><td style="width: 15%; text-align: center; padding: 2px;">FY 05</td><td style="width: 15%; text-align: center; padding: 2px;">FY 06</td><td style="width: 15%; text-align: center; padding: 2px;">FY 07</td></tr><tr><td style="padding: 2px;">Accomplishments/Effort/Subtotal Cost</td><td></td><td style="text-align: center; padding: 2px;">0.000</td><td style="text-align: center; padding: 2px;">3.750</td><td style="text-align: center; padding: 2px;">0.000</td></tr><tr><td style="padding: 2px;">RDT&amp;E Articles Quantity</td><td></td><td></td><td style="text-align: center; padding: 2px;">1</td><td></td></tr></table> <div style="border: 1px solid black; padding: 5px; min-height: 60px;">One megawatt molten carbonate fuel cell demonstrator--Pearl Harbor Naval Station</div>					9498		FY 05	FY 06	FY 07	Accomplishments/Effort/Subtotal Cost		0.000	3.200	0.000	RDT&E Articles Quantity			1		9769		FY 05	FY 06	FY 07	Accomplishments/Effort/Subtotal Cost		0.000	3.750	0.000	RDT&E Articles Quantity			1	
9498		FY 05	FY 06	FY 07																														
Accomplishments/Effort/Subtotal Cost		0.000	3.200	0.000																														
RDT&E Articles Quantity			1																															
9769		FY 05	FY 06	FY 07																														
Accomplishments/Effort/Subtotal Cost		0.000	3.750	0.000																														
RDT&E Articles Quantity			1																															