

## **INDIAN POINT 2**

## **REACTOR & FUEL ENGINEERING**

## YEAR 2001 BUSINESS PLAN

APPROVED

SUBMITTED Approved

DATE 00 Date 00

5

DATE

J. Weiss

PLAN MANAGER:

**Geoffrey Schwartz** Concurrence

J. BAUMSTARK

SENIOR MANAGEMENT SPONSOR

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#### 1. Business Plan Summary

#### **REACTOR & FUEL ENGINEERING**

#### **OVERVIEW:**

- 1. To assure an adequate fuel supply is available in a timely manner and at a competitive cost. This includes the procurement of uranium (U3O8 – yellowcake), conversion to hexafluoride (UF6), and enrichment services.
- 2. To perform reactor engineering functions to support the operation of the plant, including surveillances, startup physics testing and providing assistance to the Operations organization.
- 3. To resolve the IP2 Spent Fuel Pool issues related to the degradation of the Boraflex panels in the Spent Fuel Racks.
- 4. To resolve the IP2 spent fuel storage issues, in order to maintain full core discharge capability.

#### **GOALS:**

- 1. Upgrade IP2 Fuel Storage Building ("FSB") Crane.
- 2. Engineer, Design and License an On-Site, Small "Staging" ISFSI.
- 3. Engineer, Design and License an On-Site, "Life-of-Plant" ISFSI.
- 4. Purchase Neutron Poison Inserts for Use in IP2 Spent Fuel Racks.

Note, progress on these goals is dependent on discussion with Entergy and their allocation of resources to accomplish them.

#### **EXPECTED 2001 RESULTS:**

- 1. 125-Ton Capacity, Single-Failure-Proof Crane Installed.
- 2. Construction Permit from the Town of Buchanan and Permission from the NRC Under 10 CFR Part 72.
- 3. Construction Permit from the Town of Buchanan and Permission from the NRC Under 10 CFR Part 72.
- 4. Decision Concerning Use of Neutron Poison Inserts Beginning in 2001.

Note, results dependent on discussion with Entergy and their allocation of resources to accomplish them.

Note, progress on the goals and achievement of the Expected 2001 Results above are dependent on discussion with Entergy and allocation of their resources to these areas.

## 2. Action Plans

#### **REACTOR & FUEL ENGINEERING**

Spent Fuel Storage												
GOAL	ACTIONS	OWNER	COMPLETION DATE	STATUS								
	Decide on how much PFS space to reserve for Indian Point 2	Sanchez	5/1/01									
Maintain full core	Send out RFQ for onsite storage system	Sanchez	6/1/01									
capability	Complete Site studies (soil, radiological, etc.)	Sanchez	7/1/01									
	Sign contract for onsite storage system	Sanchez	8/1/01									
	Complete Part 72 review and Part 50.59 USQE	Sanchez	12/31/01									

Fuel Storage Building Crane Upgrade												
GOAL	ACTIONS	OWNER	COMPLETION DATE	STATUS								
	Sign contract for new Fuel Storage Building Crane	Sanchez	5/1/01									
	Release vendor to commence fabrication of new crane	Sanchez	7/1/01									
Maintain full core discharge capability	Crane Mod package and safety evaluation report complete and Tech Spec Change Request submitted	Sanchez	12/31/01									
cupushiy	Complete design of Fuel Support Building Mods	Sanchez	12/31/01									

#### **REACTOR & FUEL ENGINEERING**

Spent Fuel Pool	Storage Racks			
GOAL	ACTIONS	OWNER	COMPLETION DATE	STATUS
	Complete IFBA and BU Credit Analyses	Y. Yuan*	4/1/01	Bid technical evaluation complete (9/00)
	Complete solubile Boron Credit Analysis/Detailed Criticality Analysis	Y. Yuan*	4/1/01	Bid technical evaluation complete (9/00)
Maintain Full	Submit licensing request to NRC	Y. Yuan*	6/1/01	
Core Discharge Capability	Receive NRC approval	Y. Yuan*	12/31/01	
	*Note, this Action plan will require reassignment as Y.			
	Yuan anticipates leaving the IP 2 organization around 12/31/00			

Note, accomplishment of these three Action Plans is subject to discussion with Entergy and their allocation of resources to implement them.

#### 4. Project Requests

Item	Project/Program Title	Estimated Con Ed Hours	Estimated Outside Support
4.1	Improved Standard Technical Specifications	100	
4.2	Boraflex Degradation Studies & Resolution	1,000	
4.3	Spent Fuel Storage Design and Licensing	1,600	
4.4	UFSAR Verification	500	
4.5	Fuel Storage Building ("FSB") Crane Procurement and Upgrade Installation	400	
4.6	FORMOSA Model Development	120	
4.7	IP2 Divestiture	240	
4.8	Post IP 2 Sale Fuel Inventory Disposal and Contract Closure	720	
	<b>Total Estimated Con Ed Person Hours</b>	1,060	

The following Projects and Programs are being planned in 2001

Total Estimated outside Support

Regarding Con Ed resources: work hours will only be used to support projects 4.1, 4.7 and 4.8. and Outside Support \$'s will only be used to support FORMOSA Model Development. For all other project's resources, both personnel and Outside Support \$'s, are subject to discussion with Entergy.

Title: Improved Standard Technical Specifications
Project #: 4.1
Description: Develop and submit for NRC approval, revised Technical Specifications in the new standard format, replacing the current custom Tech Specs. The Reactor and Fuel Engineering role in this project is to review Section II related to reactor engineering and nuclear fuel.

4) Justification: See NS&L Project Request form.

# 5) Indian Point 2 Goals and Strategies Supported: Operate within threshold regulator performance (G), License Extension (S) 6) Budget:

o) Budget.											
	2000 + Prior     2001     2002 + Futu       Dopt     Account     Con Ed     Outside     Con Ed     Outside							Projec	t Total		
Dept	Account	Con Ed	Outside	Con Ed	Outside	Con Ed	Outside	Con Ed	Outside		
		Hrs.	\$s (000)	Hrs.	\$s (000)	Hrs.	\$s (000)	Hrs.	\$s (000)		
R&FE		0		100		0		100			
	TOTALS:	0		100		0		100	<u>I</u>		
7) Lead De	epartment:	Nuclear	Safety & Lie	censing	8) 0 & 1	<b>w</b> : X	Capital:				
					Ź XM:						
9) Propos	ed By: Joh	n Weiss				Date:					
10) Lead D	ept. Mgr. A	Approval:				Date:					
11) 2000 B	udget App	roval By:	1			Date:					
12) Notes:	Per Bill Bla	ir, R&FE	participatio	n is anticip	pated to b	e minimal					
Assume the	e 100 Hours	s in 2001 ;	are used in	Jan and F	Feb.						

1) Title: E	Boraflex Degrada	ation Stud	dies & Res	olution		2) Project	<b>#:</b> 4.2					
3) Descrip	otion: This proje	ct will stu	dy the impa	act of loss	s of boror	from the b	oraflex in t	he spent	fuel			
storage ra	cks in the Spent	Fuel Poc	and deve	lop altern	atives for	resolution	of this issu	ie. This p	project			
request wi	Il also cover the	resource	s needed to	o resolve	the probl	em.						
4) lustifi	cation: To ensu	re continu	ied complia	ance with	the spen	t fuel rack d	lesian has	es and th				
4) Justification: To ensure continued compliance with the spent fuel rack design bases and the Technical Specifications												
5) Indian	Point 2 Goals a	and Strat	egies Sup	ported: S	afely one	erate at 95%	6 or greate	r capacity	/ non-			
outage. C	perate within the	reshold re	gulator per	rformance	eloiy opt		o or groute	n oupdong				
6) Budge	t:		-									
		2000	+ Prior	20	001	2002 +	Future	Projec	t Total			
Dept	Activity	Con Ed	Outside	Con Ed	Outside	Con Ed	Outside	Con Ed	Outside			
		Hrs.	\$s (000)	Hrs.	\$s (000	) Hrs.	\$s (000)	Hrs.	\$s (000)			
R&FE		3340		1000		TBD		4340				
Netco	Scoping Stud											
Netco	BADGER Tstg							0				
Netco	Retriev & Anal							0				
West.	Relo SFA's											
	IFBA & BU											
	Credit Anal											
	Sol B Credit											
	Crit Anal											
NS&L				80				80				
Syst Engr		20		40				60				
	TOTALS:	3360		1120				4480				
7) Lead D	Department: Re	actor & Fi	uel Engine	ering	8) O &	M: X	Capital:					
	•		U	U	́ ХМ:		•					
9) Propos	sed By: Y. Yua	n				Date:						
10) Lead	Dept. Mgr. App	roval:				Date:						
11) 2000 E	Budget Approva	al By:				Date:						
12) Notes	:											
NS&L is for	support with licer	nse amend	lment.	l for on oly								
In 2001,	is for purchas	se and inst	allation of "F	RACKSAV	ER" for the	e Spent Fuel	Racks and	is f	or			
licensing of	this product with	the NRC.	These reso	urce estim	ates are p	reliminary.						

1) Title: Spent Fue	el Storage	e Design	& Licen	sing		2) Proj	ject #: 4.3			
3) Description: Th	is project	will stud	y alterna	ative w	ays of mair	ntaining	full core disc	harge ca	pacity	in
the Spent Fuel Poo	ol (SFP).	The SFF	' can ho	ld 1374	1 fuel asser	nblies.	With addition	n of ~84 f	uel	
	· · · ·	$\sim$ $\cdot$			•.				e	

assemblies each Refueling Outage, full core discharge capacity will be lost by 2004, well before the current license expires in 2013. On-site Independent Spent Fuel Storage Installation and Off-site Private Spent Fuel Storage Facility options will be chosen and implementation will begin.

**4)** Justification: To ensure operation is not interrupted or negatively impacted by insufficient spent fuel storage space.

#### 5) Indian Point 2 Goals Supported:

#### 6) Budget:

-,									
Dept	Account	2000	+ Prior	20	01	2002 +	Future	Projec	t Total
		Con Ed	Outside	Con Ed	Outside	Con Ed	Outside	Con Ed	Outside
		Hrs.	\$s (000)	Hrs.	\$s (000)	Hrs.	\$s (000)	Hrs.	\$s (000)
R&FE	B1851	1600		1600		1600		4800	
Eng. Costs									
DE-Civil				300		400		700	
DE-Mech				60		200		260	
DE-Elec.				60		200		260	
Site Engr				80		160		240	
NS&L				200		400		600	
QA				840		840		1680	
Purchasing				80				80	
Communic				100		160		260	
Security				40		100		140	
Fabricate									
Stor.Sys.									
		1000				1000			
	IOTALS	1600		3360		4060		9020	
7) Lead De	partment:	Reactor	& Fuel Eng	ineering	8) O & I	M:	Capital:	Х	
	-		-	-	XM:		-		
9) Propose	d By: Joh	nn Sánche	θZ			Date:			
10) Lead De	ept. Mgr. A	Approval:				Date:			
11) 2000 Bu	idget App	roval By:				Date:			
12) Notes: *	' is	in the O&	M 2000 Bu	dget to sta	rt implem	nenting the	option cho	sen. This	money

**12) Notes:** \* Is in the O&M 2000 Budget to start implementing the option chosen. This money will not be needed as resources to implement the option chosen will be provided separately via Company Retirement Accounts.

Assume the 1600 hours in 2001 are used roughly evenly throughout the year.

1)	1) Title: UFSAR Verification2) Project #: 4.4												
3)	Descrip fully ele Conditio to review	otion: This ctronic UFS on Reports w and appr	project wi SAR, a Co generateo ove assig	II verify the omponent F d as a resu ned UFSAI	accuracy Function Da It of the ve R segment	and com atabase, rification s.	pleteness o and provide effort. The	f the UFS/ e for the re R&FE role	AR and pr solution c e in this pr	ovide a of roject is			
4)	4) Justification: See Configuration Management & Control Project Request.												
5)	Indian F	Point 2 Goa	als Suppo	orted: See	Configurat	tion Mana	agement &	Control Pr	oject Req	uest.			
6)	Budget						-		•				
			2000	+ Prior	20	01	2002 +	Future	Projec	t Total			
	Dept	Account	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	e Con Ed ) Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)			
R8	(FE		360		500				860				
	Logd Dr	IOTALS:	360	ation Mana	500			Carital	860				
n Co	ntrol	epartment:	Conligur	alion Mana	igement &	8) 0 & 1 XM:		Capital:					
9)	Propos	ed By: Joh	nn Weiss				Date:						
10	) Lead D	ept. Mgr. A	Approval:				Date:						
11	) 2000 B	Accume the	roval By:	llocated to	this offort (		Date:	and Mar					
	11) 2000 Budget Approval By:   Date:     12) Notes: Assume the hours allocated to this effort are used in Jan, Feb and Mar.												

**1)** Title: Fuel Storage Building (FSB) Crane Upgrade**2)** Project #: 4.5

**3) Description:** Prior to removing spent fuel from the Spent Fuel Pool (SFP), the FSB and crane must be upgraded to meet physical requirements and licensing commitments associated with handling heavy loads (NUREG-0612). The scope of this project is: a) Replace the existing 40-ton crane (non-single failure proof design) with two (2) 75-ton capacity single failure proof cranes to provide a 125 ton capacity lifting capability; b) Upgrade the auxiliary hoist to single failure proof design; c) Install an "intermediate cask platform"; d) Replace the existing open 3-wire conductor system with a 4-bar enclosed system; e) Incorporate additional bracing angles, irons, stiffener plates, etc. in sections of the building requiring a reduction in any overstressed conditions; and f) Install a heavy haul trailer support.

**4) Justification:** This project is necessary prior to removal of spent fuel from the SFP. Removal of spent fuel will be necessary to maintain full core discharge capability to ensure plant operation is not interrupted or negatively impacted by insufficient spent fuel storage space.

5)	Indian	Point 2	Goals	and	Strategi	ies S	Supported	:
----	--------	---------	-------	-----	----------	-------	-----------	---

6) Budget:

·, ····										
Dept	Accnt	2000	+ Prior	20	01	2002 +	Future	Projec	t Total	
		Con Ed	Outside	Con Ed	Outside	Con Ed	Outside	Con Ed	Outside	
		Hrs.	\$s (000)	Hrs.	\$s (000)	Hrs.	\$s (000)	Hrs.	\$s (000)	
R&FE		120		400		400		920		
DE-Civil		100		400		600		1100		
NS&L				40		80		120		
Engr Costs										
FSB Mod										
Crane										
Upgrade										
QA				360		360		720		
Site Engr				80		160		240		
Purchasing				60				60		
TOTAL		220		1340		1600		3160		
7) Lead Dep	artment:	Reactor	& Fuel Eng	ineering	8) O & I	M:	Capital:	Х		
					XM:					
9) Proposed	<b>l By:</b> Joh	n Sánche	Z			Date:				
10) Lead Dep	pt. Mgr. A	Approval:				Date:				
11) 2000 Bud	dget App	roval By:				Date:				
12) Notes: *F	Funding is	s being pr	ovided sep	arately via	Compan	y Retireme	nt Account	ts.		

Assume the R&FE hours in 2001 are 25, 25, 50, 50, 100, 100, 100, 100, 100, 50, 50, 50 for Jan-Dec

1) Title: F	ORMOSA	Model Deve	elopment		2) F	Project #: 4	4.6		
<b>3) Description:</b> FORMOSA-P is a computer code that automates the process of determining fuel and burnable absorber loading patterns. This model development utilizes stochastic optimization techniques to determine a family of near optimal loading patterns which can then be further evaluated by the core designer.									
<b>4) Justification:</b> Use of this code will result in better optimization of the core loading pattern reducing fuel costs.									
5) Indian	Point 2 Go	als Suppo	rted:						
6) Budge	t:								
		2000+	Prior	20	001	2002 +	Future	Project Total	
Dept	Account	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)
R&FE		120		120		120/yr		360	
	TOTALS:	120		120		120/yr		360	
7) Lead D	epartment	: Reactor 8	Fuel Eng	ineering	8) O & M XM:	I: X	Capital:		
9) Propos	sed By: Be	nito Quan			Date	):			
10) Lead I	Dept. Mgr.	Approval:			Date	<b>:</b>			
11) 2000 E	Budget App	proval By:			Date	):			
<b>12) Notes:</b> Assume the hours are split evenly throughout the year and that the is spent in June.									

<b>1) T</b> i	itle: IF	2 Divestitu	re				2) F	Project #: 4	.7		
3) D	escrip	tion: Provid	le support f	for the IP 2	2 Divesti	ture	team				
4) Ju	ustific	ation:									
<b>5</b> ) In	aliana F			<u></u>							
5) IN	idian F	oint 2 Goai	s Support	ea:							
6) B	udget	:							-		
			2000 +	Prior	20	001		2002 +	Future	Proje	ect Total
D	ept	Account	Con Ed Hrs.	Outside \$s (000)	Ed Hrs.	00 (0	Side Ss 00)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)
R&FI	E		320		240		-			560	
		TOTALS:	320		240					560	
7) Lo	ead De	partment:	Reactor & F	-uel Engin	eering	8)	0 & I XM:	<b>W</b> : X	Capital:		
9) P	ropos	ed By: John	Weiss				Date	):			
10) L	ead D	ept. Mgr. A	pproval:				Date	):			
11) 2	11) 2000 Budget Approval By:						Date:				
12) N	2) Notes: Assume the 2001 hours are used in the first 6 months.										

1) Title:	Post IP 2 Sal	e Fuel Inv	entory Disp	oosal &		2) F	Project #:	4.8		
3) <b>Description:</b> Resources would be needed to sell Con Ed nuclear fuel inventories if they are not a part of the divestiture transaction. Also, resources would be needed to close the Con Ed nuclear fuel related contracts following any divestiture.										
4) Justifi	4) Justification:									
5) Indian	Point 2 Goa	ls Suppo	rted:							
6) Budge	t:	1		1			1			
		2000	+ Prior	200	)1		2002 + Future		Project Total	
Dept	Account	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Ou <sup>-</sup> (0	tside §s 00)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)
KAFE		0		720			0		720	
	TOTALS:			720					720	
7) Lead D	Department:	Reactor 8	Fuel Engi	neering	8)	0 & I XM:	<b>W</b> : X	Capital:		
9) Propos	sed By: Joe I	Pezzello				Date	9:			
10) Lead	Dept. Mgr. A	pproval:				Date:				
11) 2000 E	11) 2000 Budget Approval By: 12) Notes: Assume the 2001 hours are used in the 2 <sup>nd</sup> and 3 <sup>rd</sup> quarters									
_,						- 1				

## 5. Performance Measures

### NRC Barrier Integrity Cornerstone

• Reactor Coolant Activity

### **Department Performance Measures**

• Nuclear Fuel Cost

#### **Reactor Coolant Activity 2001**



**Indicator Description**: This indicator is one of the three NRC performance measures in the Barrier Integrity Cornerstone. The maximum calculated RCS activity, in  $\mu$ Ci/gm dose equivalent I-131 as a percentage of the Technical Specifications limit of 1.0 $\mu$ Ci/gm. Green is  $\leq$ 50%, White is >50% but  $\leq$  100%, Yellow is >100%, Red there is no threshold.

<u>Analysis:</u> Performance prior to the spring 00 RFO was indicative of a very small fuel leak, well below any threshold of regulatory interest. A leaking fuel assembly was identified during the RFO and the bundle was removed from the core.

#### **Nuclear Fuel Cost 2001**



**Indicator Description**: Nuclear Fuel Cost is the cost of the fuel divided by the total generation for the month. For months with no generation, no monthly fuel cost is calculated. In addition the year to date cost is shown as well as the prior years cost.

#### Analysis:

## 6. Appendices

#### 6.1 Functional Responsibility

Fuel Supply

- Uranium supply, conversion, enrichment & fabrication, related contract planning and administration.
- Fuel cost accounting and budgeting
- Fuel cycle planning including integration with the electric system, analyses of supply and utilization alternatives
- Special Nuclear Material accountability
- Spent Fuel disposal

Reload Design and Core Management

- Core reload design including fuel management and scoping analyses, safety evaluation and related technical document updates (Tech Specs, FSAR, COLR, etc.)
- Refueling outage support including core unload/reload, fuel inspection and failed fuel evaluations, startup physics testing, etc.
- Core performance monitoring, fuel performance evaluations and operational support including analysis of core flux maps.
- Spent fuel storage (SFP and ISFSI and PSFSF initiatives)
- Decay heat calculations
- Rx fracture toughness and vessel material surveillance programs including fluence calculations.

**Reactor Engineering** 

- Core flux mapping
- Periodic surveillance testing
- Physics testing
- Operations support
- Nuclear instrumentation calibrations

#### 6.2 Personnel Information

Name	Title	Degrees	Professional License	Professional Experience	<u>Con Ed</u> Experience				
MANAGEMENT									
W. OSMIN	SR. ENGINEER	MS, NE		24	4				
J. SANCHEZ	Engineer	JD	PASSED BAR	17	17				
C. TIPPIN	SR. ENGINEER	BS MAR ENGR	SRO CERT	19	19				
J. WEISS	SECTION MANAGER	PHD, NE, MBA		31	18				
J. PEZZELLO	TECHNICAL SPECIALIST	MS, NE, MBA		33	32				
WEEKLY					-				
<b>CONTRACTORS/TI</b>	EMPORARY				-				
<b>OPEN OR REQUES</b>	OPEN OR REQUESTED								

#### Authorized Positions

	Management	Weekly	Totals
2000 Budget	8	0	8
2001 Approved Budget	5	0	5
Change	(3)	0	(3)



			800	
6.4.2	Fuel Supply Contracting	Contracting for and administering contracts for uranium supply, conversion, enrichment and fabrication (Entergy to assume responsibility)	2850	
6.4.3	Fuel Cost Budgeting and Accounting	Annual budget projections for fuel cost and determining actual fuel costs for accounting purposes.	850	
6.4.4	Fuel Cycle Planning	Evaluation of alternative fuel cycle plans, integration with the electric system (Entergy to assume responsibility).	200	
6.4.5	Special Nuclear Materials	Maintenance of Accountability program and conduct of inventories and reporting.	110	
6.4.6	Spent Fuel Disposal	Administration of DOE contract for disposal and protection of Con Ed interests. This function is provided by the Con Ed Legal Department		
6.4.7	Core Reload Design	Monitor and oversee the reload design done by Westinghouse. Anticipate 500 hours in the $1^{st}$ and $2^{nd}$ quarters of 2002.	0	
6.4.8	Core Performance Monitoring	Monitoring of fuel/core performance during operation, analyses of in-core flux maps and operational support. is contingency for Nuclear Noise Analysis support.	400	
6.4.9	Spent Fuel Storage	Routine evaluations and decay heat calculations	100	
6.4.10	Reactor Vessel Integrity	Reactor fracture toughness and vessel material surveillance programs including fluence calculations.	50	
6.4.11	Reactor Engineering	Nuclear Instrumentation calibrations, core flux mapping, periodic surveillance testing, physics testing and operations support	3000	

			<b>Total Estimated Outside Support</b>		
			Total Estimated Con Ed Person-Hours	9,170	
6.4.18	Vacations, Holidays, Sick and Authorized Leave	V: 6 People X 18 Day H: 6 People X 11Days S & AL: 6 People X 7	1440		
6.4.17	Emergent Work	Time allocated for work that emerges over the course of the year that must be done to support safe and reliable operation.			
6.4.16	Management & Supervision	Time spent in manage delegation and oversig	1000		
6.4.15	Technical Program Maintenance	SOER96-02 (160 hrs) Development (Entergy	1360		
6.4.14	NRC Liaison, QA Audit Support, Self Assessments	Support for NRC licer conduct department pl	260		
6.4.14	Training	Complete all continuin	400		
6.4.13	Misc.	Petty Cash, Benchmar P Card, Communication	king/Training, Materials & Supplies, All Other, ons		
6.4.12	Emergency Planning	Support for emergency	y planning and participation in exercises and drills.	200	

Note, Items 6.4.2, 6.4.4 and 6.4.15(800 hrs) are not included in the total. Resources for these functions are subject to discussion with Entergy.

#### 6.5 2001 Resource Plan

Section	Item	Estimated Con Ed Person-Hours	Con Ed Labor Dollars (000)	Estimated Outside Support \$'s (000)	Total Estimated Dollars (000)
6.4	OPERATIONAL OVERVIEW	9170			
4	Project Requests	1060			
6.4 + 4	Total Resources Needed	10,230			
	Approved 2001 Budget	10,398			

#### **Manpower Analysis**

Approved 2001 Budget resources and the Business Plan match. Projects and functions shown that are not budgeted are subject to discussion with Entergy.