



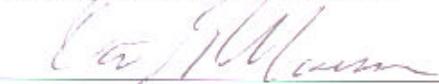
Indian Point 2  
**Nuclear Safety & Licensing**  
2001 Business Plan

Plan Manager: John McCann

Submitted: 

Date: 1/04/01

Sr. Management Sponsor: David Morris

Approved: 

Date: 1/04/01

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# 1. Business Plan Summary

<b>NUCLEAR SAFETY &amp; LICENSING (NS&amp;L)</b>
<p><b>OVERVIEW:</b> This is the 2001 Business Plan for the Nuclear Safety and Licensing Department. The information contained in this plan includes the ConEd manpower requirements as well as the contractual support needed for NS&amp;L to perform the regulatory function as the interface with the NRC. The addition of the plant to the NRC Agency Focus List has resulted in additional budgetary needs for the department to manage the NRC meetings, correspondence, inspections, and support of other site departments working on the resolution of NRC regulatory issues. In addition, NS&amp;L has developed a Performance Improvement Plan (PIP) which is focused on resolving department issues identified in a 1998 self assessment and other key issues which have been identified since that assessment. Key elements of the PIP are the Improved Technical Specifications project, revamp of the 50.59 program, and the ongoing department process and programs improvement.</p>
<p><b>GOALS:</b> NS&amp;L is directly responsible for or will make a significant contribution towards the <b><u>2001 Indian Point Goals:</u></b></p> <ul style="list-style-type: none"><li>- Locate and hire competent personnel to support the approved plant employment goals</li><li>- Revise the 50.59 process to reflect new regulatory requirements</li><li>- Refine and expand the set of department performance metrics</li><li>- Complete the development phase and implementation scoping of the ITS</li><li>- Provide training to NS&amp;L personnel to improve regulatory and operational knowledge</li><li>- Support development of risk based ISI evaluation program</li><li>- Implement a Performance Improvement Plan (PIP) to improve department performance</li></ul>
<p><b><u>EXPECTED 2001 RESULTS:</u></b></p> <ul style="list-style-type: none"><li>- Key elements of the PIP will be implemented</li><li>- Departmental submittal quality exceeds .95 quality factor</li><li>- ITS project will be completed</li><li>- 50.59 program upgraded and SE preparation and review transitioned to the responsible departments</li><li>- Improved department processes fully developed</li><li>- No backlog of outstanding existing Technical Specification issues</li><li>- A self assessment will be conducted in the 4<sup>th</sup> quarter and the results will reflect significant improvements have been made in the department</li><li>- Department CR evaluation backlog reduced to no more than 30 days old</li><li>- NS&amp;L will be fully staffed with minimal contract support</li><li>- NS&amp;L will outline 5 specific opportunities for the station to better integrate the PSA into plant processes and/or to be utilized in operational decision-making</li></ul>

## 2. Action Plans

### NUCLEAR SAFETY & LICENSING

<b>Implement the NS&amp;L Performance Improvement Plan (PIP)</b>				
<b>GOAL</b>	<b>ACTIONS</b>	<b>OWNER</b>	<b>COMPLETION DATE</b>	<b>STATUS</b>
<b>Operate within threshold regulatory performance</b>	Establish priorities and schedule for long term PIP activities	Sect. Managers	03/01	
	Conduct a self assessment to evaluate NS&L performance	Sect. Managers	10/01	
	Address those items identified as Priority 1 in accordance with the associated action plan and schedule set out in the PIP.	Sect. Managers	12/01	

<b>Improved Standard Technical Specifications</b>				
<b>GOAL</b>	<b>ACTIONS</b>	<b>OWNER</b>	<b>COMPLETION DATE</b>	<b>STATUS</b>
<b>Identify opportunities for regulatory relief</b>	Complete the development phase and submit ITS to NRC	Blair	09/01	
	Complete the scoping for ITS implementation	Blair	12/01	
	Implement the ITS	Blair	09/02	
	Conduct assessment of implementation performance	Blair	03/03	

**Department Improvements**

<b>Goal</b>	<b>ACTIONS</b>	<b>OWNER</b>	<b>COMPLETION DATE</b>	<b>STATUS</b>
<b>Optimize work control processes</b>	Refine and expand the set of department performance metrics	Blair	04/01	
<b>Continue improvements to technical training programs</b>	Develop and implement an informal intra-departmental training program	Blair	06/01	

**Risk Informed Regulatory Action Plan**

<b>GOAL</b>	<b>ACTIONS</b>	<b>OWNER</b>	<b>COMPLETION DATE</b>	<b>STATUS</b>
<b>Identify opportunities for regulatory relief</b>	Obtain NRC approval to implement Risk-Informed ISI Program.	Goetchius	12/01	

**Implement new 10CFR50.59 Regulatory Requirements**

GOAL	ACTIONS	OWNER	COMPLETION DATE	STATUS
<b>Operate within threshold regulatory performance</b>	Train 75 key site personnel on the new 50.59 requirements and the new site process	Peart	04/01	
	Revise and upgrade the IP2 processes for implementing the 50.59 requirements	Peart	04/01	
	Transfer responsibility of the 50.59 review function to Engineering dept.	Peart	06/01	

### 3. Proposed 2001 Budget

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	AVE
<b><u>Human Resources</u></b>														
Management														
Weekly														
Summer/COOP														
<b><u>Subtotal</u></b> (man-months)														
Overtime (Hours)														
<b><u>O &amp; M (\$000)</u></b>														
Management														
Comp														
<b><u>Subtotal</u></b> – Management														
Weekly														
Overtime														
<b><u>Subtotal</u></b> – Weekly														
<b>TOTAL LABOR</b>														
<b><u>NS&amp;L Projects</u></b>														
Improved Tech Specs														
Upgrade 50.59 Prog														
UFSAR Verification														
Dept. Commitment														
Management														
SNSC/NFSC Process														
Improvement														
Safety Monitor														
Enhancement														
PSA Model Upgrade														
<b><u>Subtotal</u></b>														
<b>NS&amp;L Projects</b>														

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT
<b><u>Staff Augmentation</u></b>													
Reg. Affairs													
Tech Spec Amendments													
Safety Analysis													
Prob. Safety Assess													
Safety Evaluations													
<b>Subtotal</b>													
<b>Staff Augmentation</b>													
<b><u>All Other</u></b>													
Benchmarking/Training													
Materials & Supplies													
Petty Cash													
Communications													
P Card													
<b>Subtotal All Other</b>													
<b>Total Non-Outage</b>													
<b>Outage</b>													
<b>GRAND TOTAL</b>													

#### 4. Project Requests

The following projects and programs are proposed for work in Year 2001

Item	Project/Program Title	Estimated Con Ed Hours (NS&L)	Estimated Con. Ed Hour (all others)	Estimated Outside Support \$ (000's)
4.1.a	Improved Standard Technical Specification (Development Phase)			
4.1.b	Improved Standard Technical Specification (Implementation Phase)			
4.2	Upgrade of the 50.59 Program			
4.3	UFSAR Verification			
4.4	Commitment Management			
4.5	Implement Risk-Informed ISI Program			
4.6	Streamline SNSC/NFSC processes and implement ISR			
4.7	Safety Monitor Enhancement Project			
4.8	IP2 PSA Model Upgrade			
4.9	Steam Generator Inspection Program License Amendment			
4.10	Implement New 10CFR50.72 and .73 Reporting Requirements			
<b>TOTAL Estimated Con Ed Person Hours</b>				
<b>Total Estimated Outside Support \$(000's)</b>				

**Indian Point 2**  
**2001 Project Request**

<b>1) Title:</b> ITS Project (Development Phase)						<b>2) Project #:</b> 4.1(a)			
<b>3) Description:</b> Develop revised Technical Specifications in the new, standard format, in accordance with the ITS Project Plan, to replace the current custom Technical Specifications and submit these specifications to the NRC for approval.									
<b>4) Justification:</b> See accompanying ITS Project Plan									
<b>5) Indian Point 2 Goals Supported:</b> See accompanying ITS Project Plan									
<b>6) Budget:</b>									
Dept	Action	2000		2001		2002 + Future		Project Total	
		Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)
NS&L	ITS Vendor								
	Project Support								
Operations	Project Support								
Site Eng	Project Support								
Design Eng	Project Support								
Training	Project Support								
I&C Maint	Project Support								
QA	Project Support								
Rad. Pro.	Project Support								
Outage Pln	Project Support								
	<b>TOTALS:</b>								
<b>7) Lead Department:</b> NS&L					<b>8) O &amp; M:</b> Capital:				
					<b>XM:</b>				
<b>9) Proposed By:</b> William S. Blair						<b>Date:</b>			
<b>10) Lead Dept. Mgr. Approval:</b>						<b>Date:</b>			
<b>11) 2000 Budget Approval By:</b>						<b>Date:</b>			
<b>12) Notes:</b> * Vendor contract has been approved and executed.									
Key assumptions: (a) NS&L provides 1 Project Manager; (b) 6 other station departments provide 1 dedicated Project Team Member; (c) 2 other station departments provide 2 half-time Project Team Members; (d) 173 hrs/month/person; (e) Project Manager starts June, 2000; (f) Project Team starts October, 2000; (g) ITS submittal July, 2001. Outside expenditures based on 90% of existing contract base scope work completed in 2000 (per schedule).									

**Indian Point 2**  
**2001 Project Request**

<b>1) Title:</b> ITS Project (Implementation Phase)						<b>2) Project #:</b> 4.1(b)			
<b>3) Description:</b> The completion of all implementation action items, including the training of operators and staff, and the revision and development of procedures and programs, identified during the development phase of the project that are required to permit the implementation of ITS at IP2.									
<b>4) Justification:</b> See accompanying ITS Project Plan									
<b>5) Indian Point 2 Goals Supported:</b> See accompanying ITS Project Plan									
<b>6) Budget:</b> TBD									
Dept	Action	2000 + Prior		2001		2002 + Future		Project Total	
		Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)
NS&L	ITS Vendor								
Various	Project Mgr. Staff Augment. Prog/Proc Revs								
<b>TOTALS:</b>									
<b>7) Lead Department:</b> NS&L					<b>8) O &amp; M:</b>				
					<b>XM:</b>				
<b>9) Proposed By:</b> William S. Blair					<b>Date:</b>				
<b>10) Lead Dept. Mgr. Approval:</b>					<b>Date:</b>				
<b>11) 2001 Budget Approval By:</b>					<b>Date:</b>				
<b>12) Notes:</b> Initial estimate only. Actual budget is to be developed during the implementation phase, as per ITS Project Plan (due 06/01).									

**Indian Point 2**  
**2001 Project Request**

<b>1) Title:</b> Upgrade of the 50.59 program						<b>2) Project #:</b> 4.2			
<b>3) Description:</b> The NRC has revised the 50.59 program regulation. For IP2 to be in compliance the existing process (SAO-460) must be revised to incorporate the new regulation requirements and to bring IP2 requirements up to current industry standards. Further, the 50.59 reviews and classification determinations currently performed by NS&L should be assigned to the line organizations. Also, the new 50.59 will require training to familiarize the qualified 50.59 site personnel with the regulation changes. Other interfacing site process need to be reviewed and potential 50.59 bypass situations eliminated.									
<b>4) Justification:</b> The NS&L 50.59 program manager has benchmarked several other utility programs (Crystal River, D. C. Cook) that have recently undergone overhaul and has participated in the development of the new 50.59 regulation. As a result it has been concluded that the current IP2 program needs a significant amount of revision to meet the new regulations and current industry standards. This will ensure the program is in line with the new regulatory requirements and current industry processes. The new process allows for regulatory relief if properly implemented									
<b>5) Indian Point 2 Goals Supported:</b> Identify opportunities for regulatory relief. Operate within threshold regulator performance of the NRC									
<b>6) Budget:</b>									
Dept	Account	2000 + Prior		2001		2002 + Future		Project Total	
		Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)
NS&L Various Trng									
	<b>TOTALS:</b>								
<b>7) Lead Department:</b> NS&L with heavy support from Engr. Trng, Ops.						<b>8) O &amp; M:</b> <b>Capital:</b> <b>XM:</b>			
<b>9) Proposed By:</b> Claude Peart						<b>Date:</b>			
<b>10) Lead Dept. Mgr. Approval:</b>						<b>Date:</b>			
<b>11) 2001 Budget Approval By:</b>						<b>Date:</b>			
<b>12) Notes:</b> Engr. hours include transfer of SE preparation/classification function to engineering as well as the reviews. NS&L would retain ownership of the program. Proposed program upgrade would require participation from other departments to make the upgrade effective.									

**Indian Point 2**  
**2001 Project Request**

<b>1) Title:</b> UFSAR Verification						<b>2) Project #:</b> 4.3			
<b>3) Description:</b> This is a comprehensive ongoing program to update the UFSAR. After validation of the UFSAR by the Configuration management & Control organization, the NS&L department is responsible for the review and approval of the assigned segments									
<b>4) Justification:</b> Regulatory requirement - 10CFR50.54 (f) for the validation of the UFSAR									
<b>5) Indian Point 2 Goals Supported:</b> Operate within threshold regulator performance of the NRC									
<b>6) Budget:</b>									
Dept	Account	2000 + Prior		2001		2002 + Future		Project Total	
		Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)
NS&L									
	<b>TOTALS:</b>								
<b>7) Lead Department(s):</b> Configuration Management and NS&L						<b>8) O &amp; M:</b>			
						<b>XM:</b>			
						<b>Capital:</b>			
<b>9) Proposed By:</b> John McCann						<b>Date:</b>			
<b>10) Lead Dept. Mgr. Approval:</b>						<b>Date:</b>			
<b>11) 2001 Budget Approval By:</b>						<b>Date:</b>			
<b>12) Notes:</b>									

**Indian Point 2**  
**2001 Project Request**

<b>1) Title:</b> NS&L Commitment Management						<b>2) Project #:</b> 4.4			
<b>3) Description:</b> Currently there is a commitment verification process ongoing and being managed by the Configuration management group. By the end of YR 2000 the database created by Config. Management for the verification will be turned over to NS&L (as the program owners) for ongoing management of the IP2 commitment process. Support is needed to ensure the transition of the database to NS&L is accurate and the resources are available to ensure the transfer is effective. Outstanding commitments will be reviewed to ensure that any outdated or inappropriate commitments are changed through the established licensing process.									
<b>4) Justification:</b> Currently there is insufficient resources available in NS&L to manage the commitment process when returned to NS&L upon completion of the verification project. Further NS&L has been alerted that commitments not verifiable will be returned to NS&L with CRs written to resolve those 'unverifiable' commitments. Immediately following transfer of the database to NS&L resources are needed to ensure management of the database is accurate and appropriate changes made to the database for future management of the commitments. To support the transfer, appropriate NS&L processes will need to be revised as well as a possible SAO development and department training.									
<b>5) Indian Point 2 Goals Supported:</b> Operate within threshold regulator performance of the NRC									
<b>6) Budget:</b>									
Dept	Account	2000 + Prior		2001		2002 + Future		Project Total	
		Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)
NS&L									
<b>TOTALS:</b>									
<b>7) Lead Department:</b> NS&L					<b>8) O &amp; M:</b>				
					<b>XM:</b>				
<b>9) Proposed By:</b> John McCann						<b>Date:</b>			
<b>10) Lead Dept. Mgr. Approval:</b>						<b>Date:</b>			
<b>11) 2001 Budget Approval By:</b>						<b>Date:</b>			
<b>12) Notes:</b>									



**Indian Point 2**  
**2001 Project Request**

<b>1) Title:</b> Streamline SNSC/NFSC review functions and implement ISR (Independent Safety Reviewer)						<b>2) Project #:</b> 4.6			
<b>3) Description:</b> The SNSC and NFSC review functions have been relocated from the TS to the QA plan. Based upon the reviews performed by these two committees at other utilities we may be provided an opportunity to revise or eliminate some of their review functions to be more inline with the industry. Further the Independent Safety Reviewer (ISR) process should be investigated for implementation to allow more flexibility in the personnel qualified to perform certain reviews.									
<b>4) Justification:</b> Eliminating or streamlining the reviews performed by these committees as well as incorporation of the ISR process could reduce significantly the commitment of IP2 management resources assigned to these functions. This would result in more time for the management to perform their online functions with no reduction in the safety responsibilities of the committees.									
<b>5) Indian Point 2 Goals Supported:</b> Identify opportunities for regulatory relief									
<b>6) Budget:</b>									
Dept	Account	2000 + Prior		2001		2002 + Future		Project Total	
		Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)
NS&L QA									
<b>TOTALS:</b>									
<b>7) Lead Department:</b> NS&L					<b>8) O &amp; M:</b> <b>Capital:</b> <b>XM:</b>				
<b>9) Proposed By:</b> John McCann						<b>Date:</b>			
<b>10) Lead Dept. Mgr. Approval:</b>						<b>Date:</b>			
<b>11) 2001 Budget Approval By:</b>						<b>Date:</b>			
<b>12) Notes:</b> This could require the QA dept. revising the QA plan to support the changes made to the two committees to reflect their revised roles or inclusion of the ISR process.									

**Indian Point 2**  
**2001 Project Request**

<b>1) Title:</b> Safety Monitor Enhancement Project					<b>2) Project #:</b> 4.7									
<b>3) Description:</b> Install Version 2.6 and complete verification and validation of the new version. Complete Level 2 (LERF) model for the Safety Monitor. Additional enhancements being planned are: moving the software from a PC to the network; adding the ability to download the plant schedule to the Safety Monitor.														
<b>4) Justification:</b>														
<b>5) Indian Point 2 Goals and Strategies Supported:</b> Operate within threshold regulator performance (G), Safely operate at 95% or greater capacity factor (G), Optimize Work Control Process (G), Identify opportunities for regulatory relief (G)														
<b>6) Budget:</b>														
Dept	Activity	2000 + Prior		2001		2002 + Future		Project Total						
		Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)					
NS&L	LERF PC to NW Dwnl Sched Vendor Sup													
<b>TOTALS:</b>														
<b>7) Lead Department:</b> Nuclear Safety & Licensing					<b>8) O &amp; M:</b>					<b>Capital:</b>				
					<b>XM:</b>									
<b>9) Proposed By:</b> Doug Gaynor					<b>Date:</b>									
<b>10) Lead Dept. Mgr. Approval:</b>					<b>Date:</b>									
<b>11) 2001 Budget Approval By:</b>					<b>Date:</b>									
<b>12) Notes:</b> The Level 2 (LERF) Model is an R&D effort and therefore the \$'s are not included in the )&M budget Moving the Safety Monitor from the PC to the Network is heavily Comp Apps dependent and may shift to 2001.														

**Indian Point 2**  
**2001 Project Request**

<b>1) Title:</b> IP 2 PSA Model Upgrade				<b>2) Project #:</b> 4.8					
<b>3) Description:</b> This project will upgrade the IP 2 PSA model including: replacement of the RCP Seal LOCA model, replacement of the Offsite Power Recovery model, providing a linked Internal Flooding model, addition of a Main Feedwater/Condensate Recovery model, review of the list of Initiating Events to assure completeness and improvements in the documentation of the PSA.									
<b>4) Justification:</b>									
<b>5) Indian Point 2 Goals Supported:</b>									
<b>6) Budget:</b>									
Dept	Activity	2000 + Prior		2001		2002 + Future		Project Total	
		Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)
NS&L									
	<b>TOTALS:</b>								
<b>7) Lead Department:</b> NS&L					<b>8) O &amp; M:</b>				
					<b>XM:</b>				
<b>9) Proposed By:</b> Doug Gaynor					<b>Date:</b>				
<b>10) Lead Dept. Mgr. Approval:</b>					<b>Date:</b>				
<b>11) 2001 Budget Approval By:</b>					<b>Date:</b>				
<b>12) Notes:</b> Replace RCP Seal LOCA model & Offsite Power Recovery model (200+200 hrs); Link internal flooding model (250+100hrs); Add Main FW/Condensate recovery model(350hrs); Upgrade documentation(100+250hrs); Initiating Events completeness check (negl hrs); Independent review(50+100hrs). The estimates provided here are a very rough ballpark estimate only and have been doubled to a total of 3000 hours due to the high degree of uncertainty. This Project Request will be resubmitted once a project plan has been developed. It is assumed that 1/3 of the work is done by Con Ed Personnel and the rest by outside support at \$110/hr including T&L									

**Indian Point 2**  
**2001 Project Request**

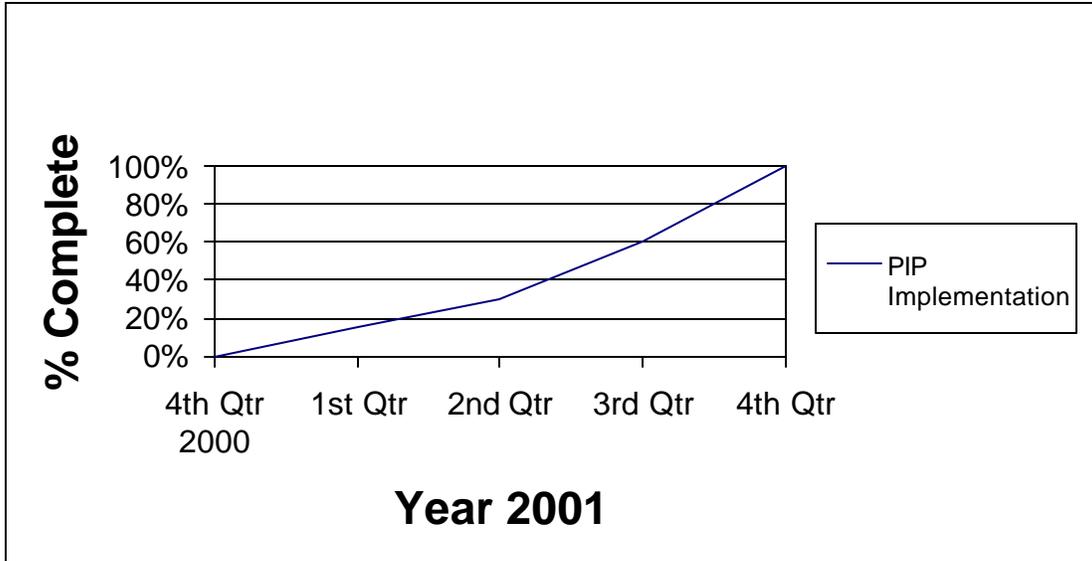
<b>1) Title:</b> Steam Generator Inspection Program Amendment					<b>2) Project #:</b> 4.9					
<b>3) Description:</b> IP2 has agreed to implement the EPRI Steam Generator inspection and monitoring program once the program receives final NRC approval. This will involve processing an amendment to the current plant Technical Specifications.										
<b>4) Justification:</b>										
<b>5) Indian Point 2 Goals Supported:</b> Identify opportunities for regulatory relief										
<b>6) Budget:</b>										
Dept	Activity	2000 + Prior		2001		2002 + Future		Project Total		
		Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	
NS&L										
<b>TOTALS:</b>										
<b>7) Lead Department:</b> NS&L					<b>8) O &amp; M:</b>					<b>Capital:</b>
					<b>XM:</b>					
<b>9) Proposed By:</b> John McCann					<b>Date:</b>					
<b>10) Lead Dept. Mgr. Approval:</b>					<b>Date:</b>					
<b>11) 2001 Budget Approval By:</b>					<b>Date:</b>					
<b>12) Notes:</b>										

**Indian Point 2**  
**2001 Project Request**

<b>1) Title:</b> Implement new NRC Reporting Requirements					<b>2) Project #:</b> 4.10				
<b>3) Description:</b> The NRC is expected to approve a significant revision to the requirements relating to both telephone and written notification of certain plant events (10 CFR 50.72 and .73) just prior to the end of 2000. The requirements, once finalized would become effective early 2001.									
<b>4) Justification:</b>									
<b>5) Indian Point 2 Goals Supported:</b> Operate within threshold regulatory performance.									
<b>6) Budget:</b>									
Dept	Activity	2000 + Prior		2001		2002 + Future		Project Total	
		Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)	Con Ed Hrs.	Outside \$s (000)
NS&L	Various								
<b>TOTALS:</b>									
<b>7) Lead Department:</b> NS&L					<b>8) O &amp; M:</b>				
					<b>XM:</b>				
<b>9) Proposed By:</b>					<b>Date:</b>				
<b>10) Lead Dept. Mgr. Approval:</b>					<b>Date:</b>				
<b>11) 2001 Budget Approval By:</b>					<b>Date:</b>				
<b>12) Notes:</b>									

## 5. Performance Indicators

### Performance Improvement Plan Implementation



#### Improvement Summary

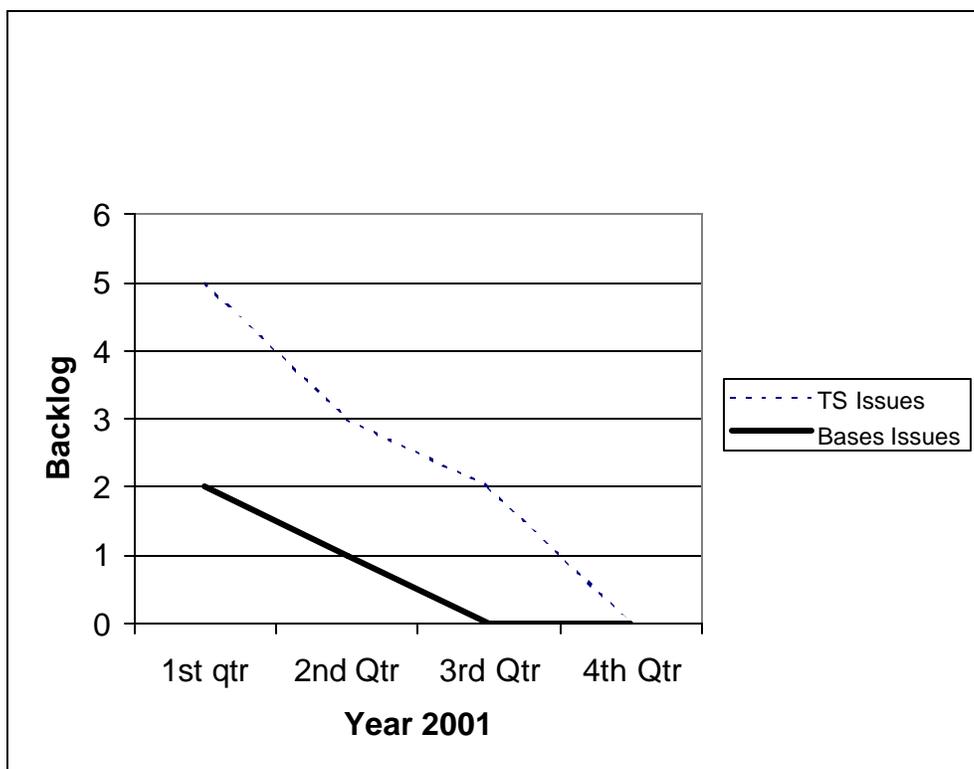
The PIP was developed in 2000 to identify key areas of improvement for the NS&L department. The improvement activities have been categorized and the highest priority actions are to be completed in 2001.

#### Goal

The highest priority actions identified in the PIP will be completed in 2001. The remaining activities will be completed as resources and priorities permit.



## NS&L Technical Specification Issues Backlog Resolution



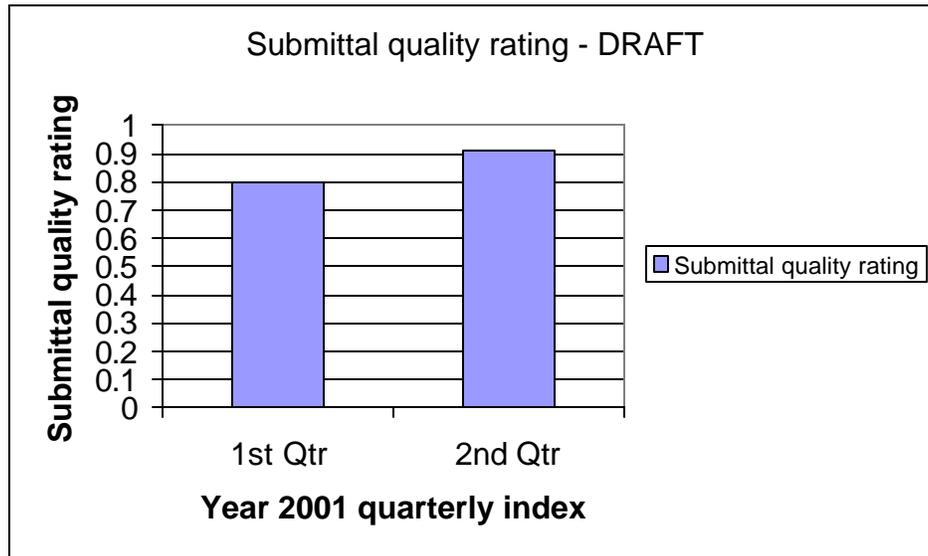
### Improvement Summary

There is currently a backlog of TS amendments and TS Bases which need to be submitted to the NRC to resolve administrative errors or as supplements to resolve incomplete amendment issues. There are expected to be approximately 5 TS issues and 2 Bases issues at the beginning of 2001.

### Goal

NS&L has targeted a goal of reducing the existing backlog to zero issues by the end of the year.

## NS&L NRC Submittal Quality Improvement



### Improvement Summary

This performance indicator was started in 2000 and is to be carried forward into 2001. Submittal quality has been determined by NS&L management to be an issue that needs additional focus. The factors which comprise the overall indicator are:

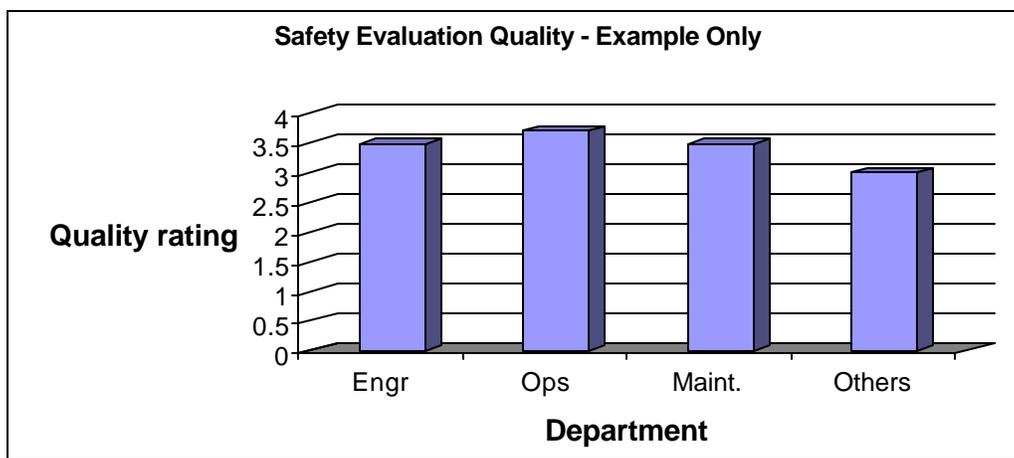
1. Meeting submittal schedule
2. The number of Requests for Additional Information (RAIs) that the NRC may request
3. Errors in technical information provided to NS&L by technical departments
4. Comments provided by senior management during their final reviews
5. Submittal administrative errors
6. Submittals are complete
7. Submittals accurately address the correspondence issues
8. Feedback from the NRC

### Goal

The NS&L goal for the submittal quality is ultimately .99. The year 2001 goal is .95 recognizing that the processes will require time for implementation and personnel to become familiar with the new requirements.



## NS&L Safety Evaluation Quality Report



### Improvement Summary

The safety evaluation process is an important element of an effective plant change process and must be of a high quality. NS&L initiated this performance indicator in 2000 to support quality improvements of the SE process.

1. Scope - does the SE clearly state the purpose and the justification for the change. Is the description of the change clear and unambiguous.
2. References - Are the appropriate references provided to support the review.
3. Clarity - Each question answered must be clear, specific, and free of extraneous information. SE is a standalone document and the logic that supports the SE conclusions must be clear and reasonable to the reviewer.
4. SE answers - Conclusions are accurate, answers fully supported, address all SSC operability impact aspects.

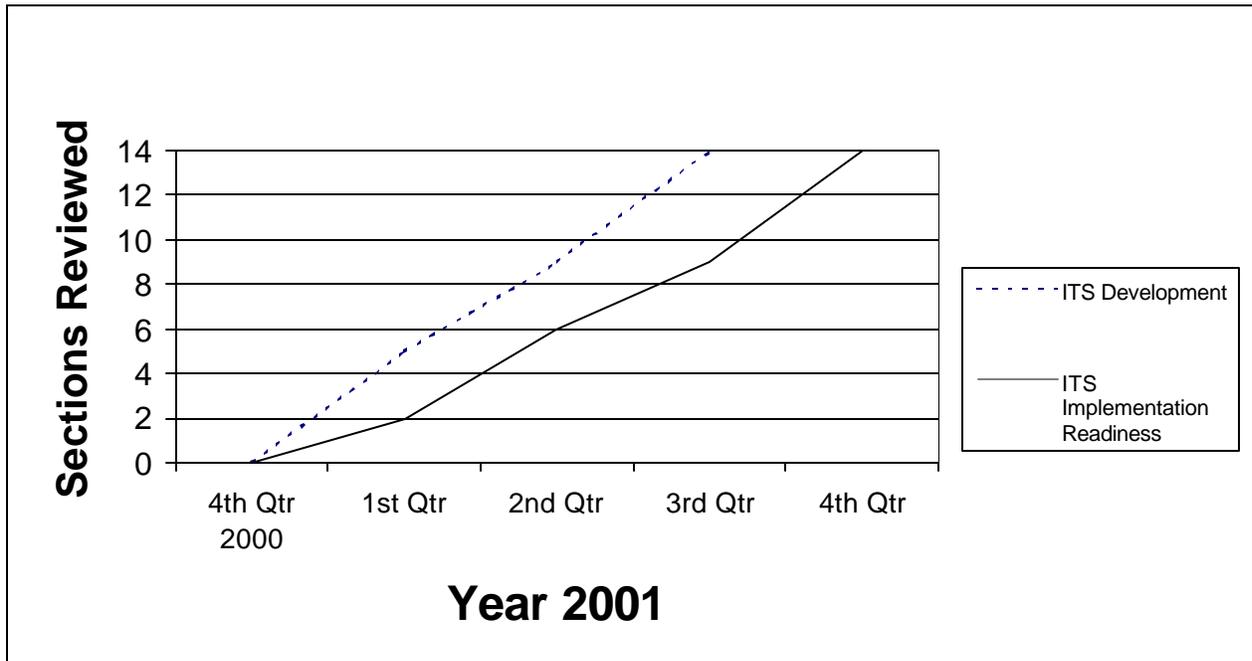
### **Grading scores (1-4):**

- 4 - Meets expectations
- 3 - Meets expectations with minor corrections needed
- 2 - The safety evaluation needs additional significant work but the SE conclusion is accurate
- 1 - The safety evaluation is unsatisfactory, incomplete, and below expectations

### Goal

The performance goal for 2001 is 3.75.

## Improved Technical Specification Project



### Improvement Summary

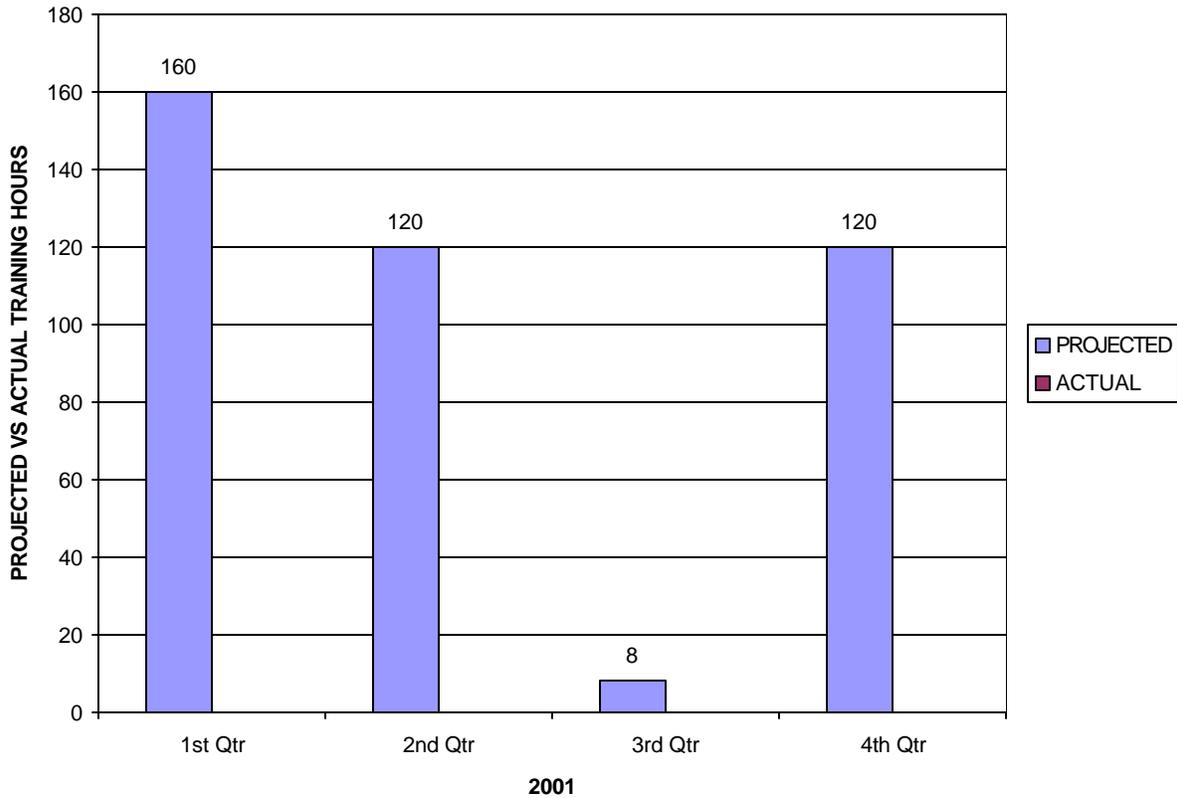
The ITS project has two distinctive phases. Phase one is the development phase in which the new Improved Technical Specifications are developed and submitted to the NRC for their review and approval. Phase two is the implementation phase in which the station revises/creates those procedures and programs which are necessary to support the adoption of the new specifications.

### Goal

Complete the development phase and submit the proposed ITS to NRC by 9/01. The implementation scoping is projected for completion by 12/02.



## NS&L Training Schedule and Attendance



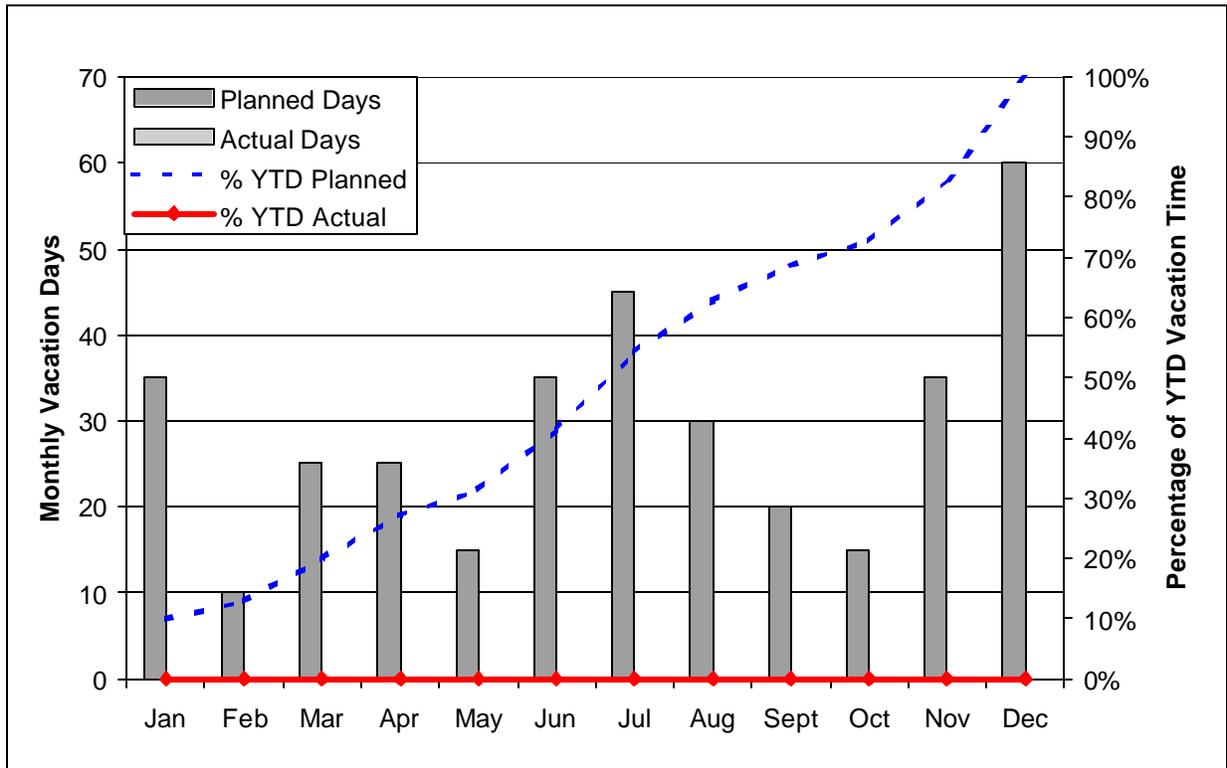
### Improvement Summary

Initial and continuing training are critical elements of ensuring that the station's work force become and remain world class performers. NS&L aggressively supports this important station goal.

### Goal

No scheduled training unattended without prior management approval.

## NS&L Vacation Schedule and Adherence



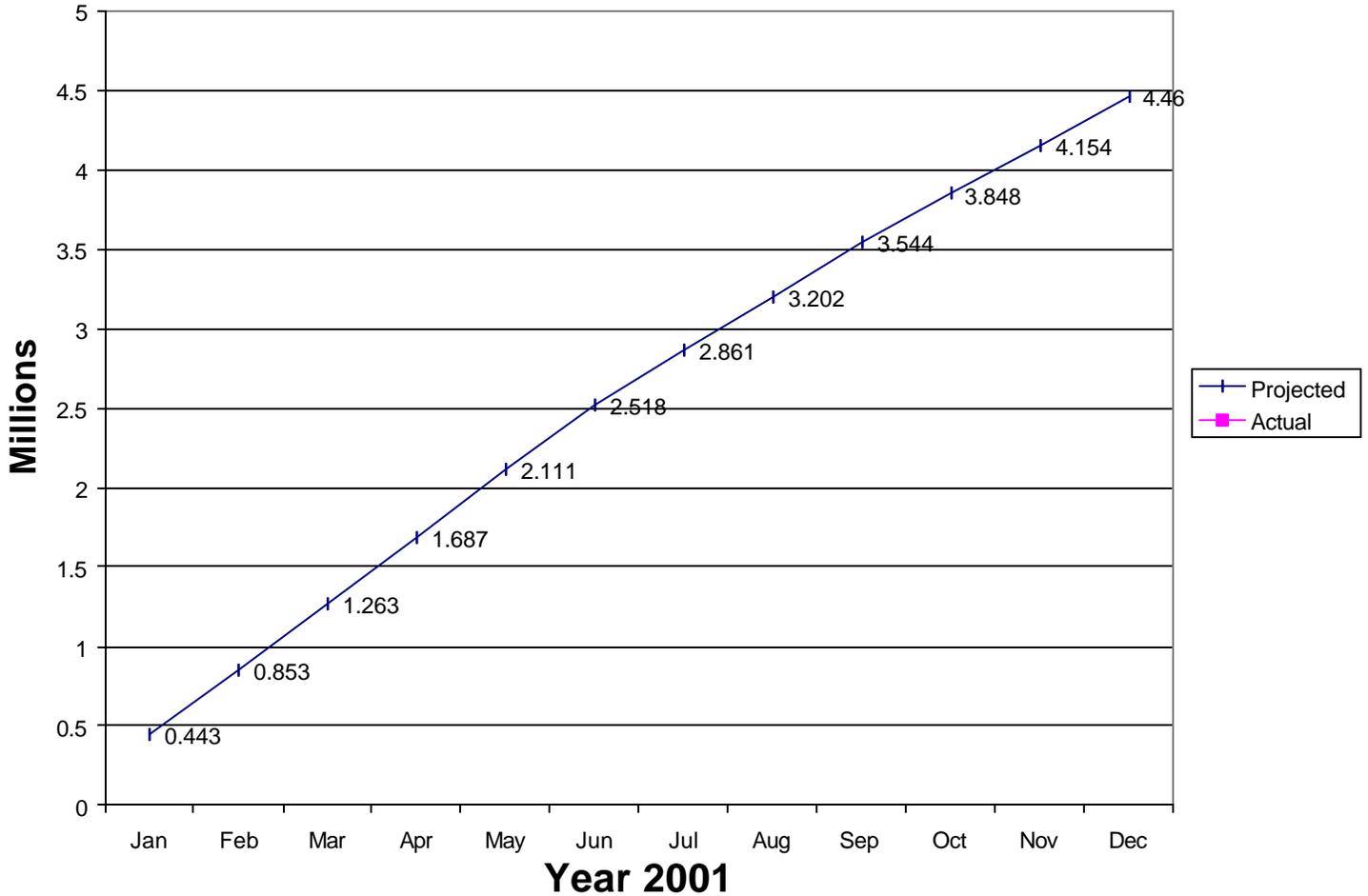
### Improvement Summary

This indicator represents the planned versus actual vacation schedule for the department. Vacation planning is performed at the beginning of the year and used for work planning and ensuring that there is sufficient staffing even during peak vacation periods. Actual usage of vacation time may vary depending upon personal circumstances.

### Goal

Although it is recognized that actual usage of vacation time may vary depending upon personal circumstances, it is expected that there will be sufficient personnel available at any given time to handle the routine operation of the department without impacting the employee's ability to take the time off o which they are entitled.

## NS&L 2001 Budget Performance



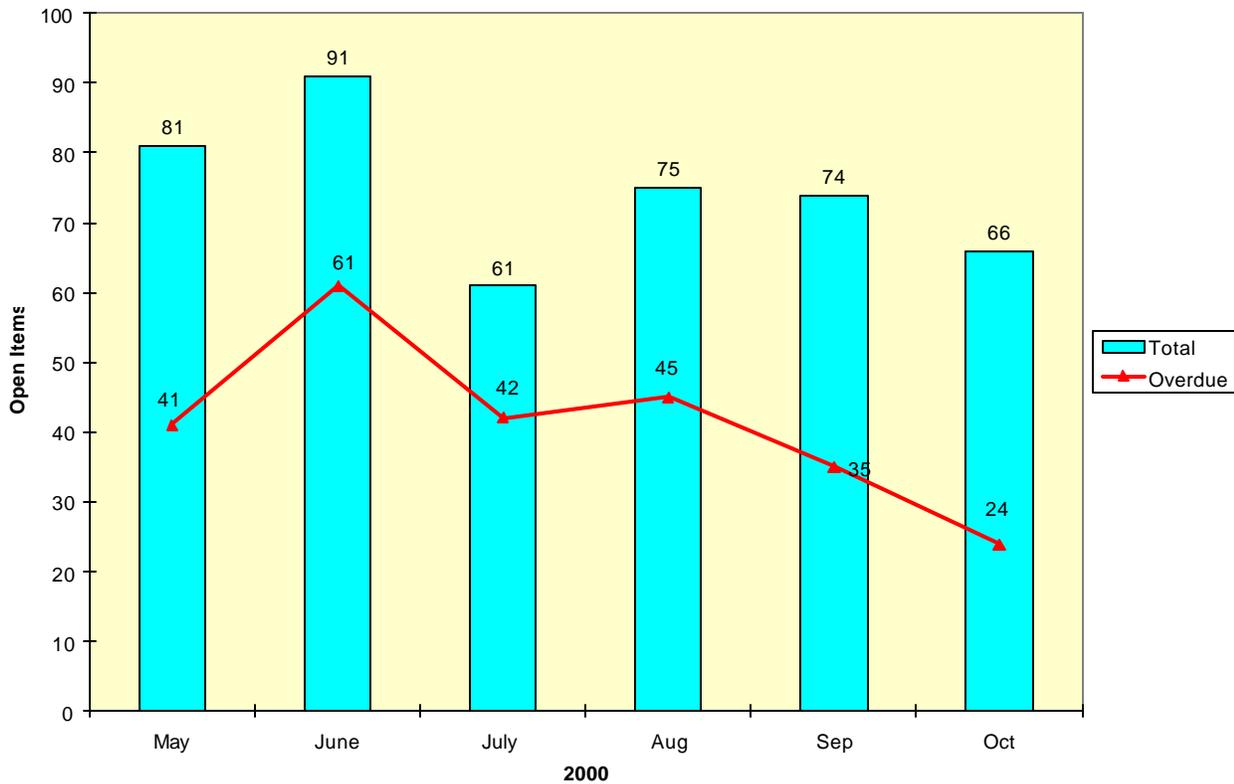
### Improvement Summary

In conjunction with the development and implementation of the 2001 BP, to better effect management control, a monthly budgetary PI will be utilized to support fiscal responsibility in NS&L and report progress. This graph represents the monthly total projected expenditures for the department based upon the approved 2001 budget

### Goal

To manage the budget so that expenditures are within 5% of the approved NS&L 2001 budget of \$4.46 million.

## NS&L CRS Open Items



### Improvement Summary

The management and control of the NS&L CR backlog is a key management goal. IP2 focus on CR management is a key improvement objective and NS&L is committed to the reduction of the CR backlog as well as the elimination of over due CRs.

### Goal

No department CRS items overdue.

## **6. Appendices**

### **6.1 Functional Responsibility**

The primary mission of the Nuclear Safety and Licensing Department is to provide the licensing engineering and nuclear safety analysis support required to ensure that the plant is operated in accordance with the terms of our USNRC Operating License. A secondary mission is to provide a strong and credible communications interface between the company and the NRC.

The Nuclear Safety and Licensing (NS&L) Department is responsible for providing the licensing engineering and nuclear safety analysis in support of the safe and efficient operation of Indian Point 2 and 1 stations. This includes the licensing engineering and safety analysis supporting the current licenses for IP 2 and IP 1 and for license changes needed for continued safe and efficient operation.

NS&L is also responsible for regulatory programs such as: 10 CFR § 50.59, Licensee Event Reporting, Updated Final Safety Analysis Report, Notice of Violation Responses, NRC Inspection Support, NRC Commitment Tracking, and all correspondence with the NRC.

NS & L is responsible for the IP 2 PSA and the use of PSA technologies to support safe and efficient station operation including implementation of the new NRC Regulatory process and risk informed regulatory initiatives.

## 6.2 Personnel Information

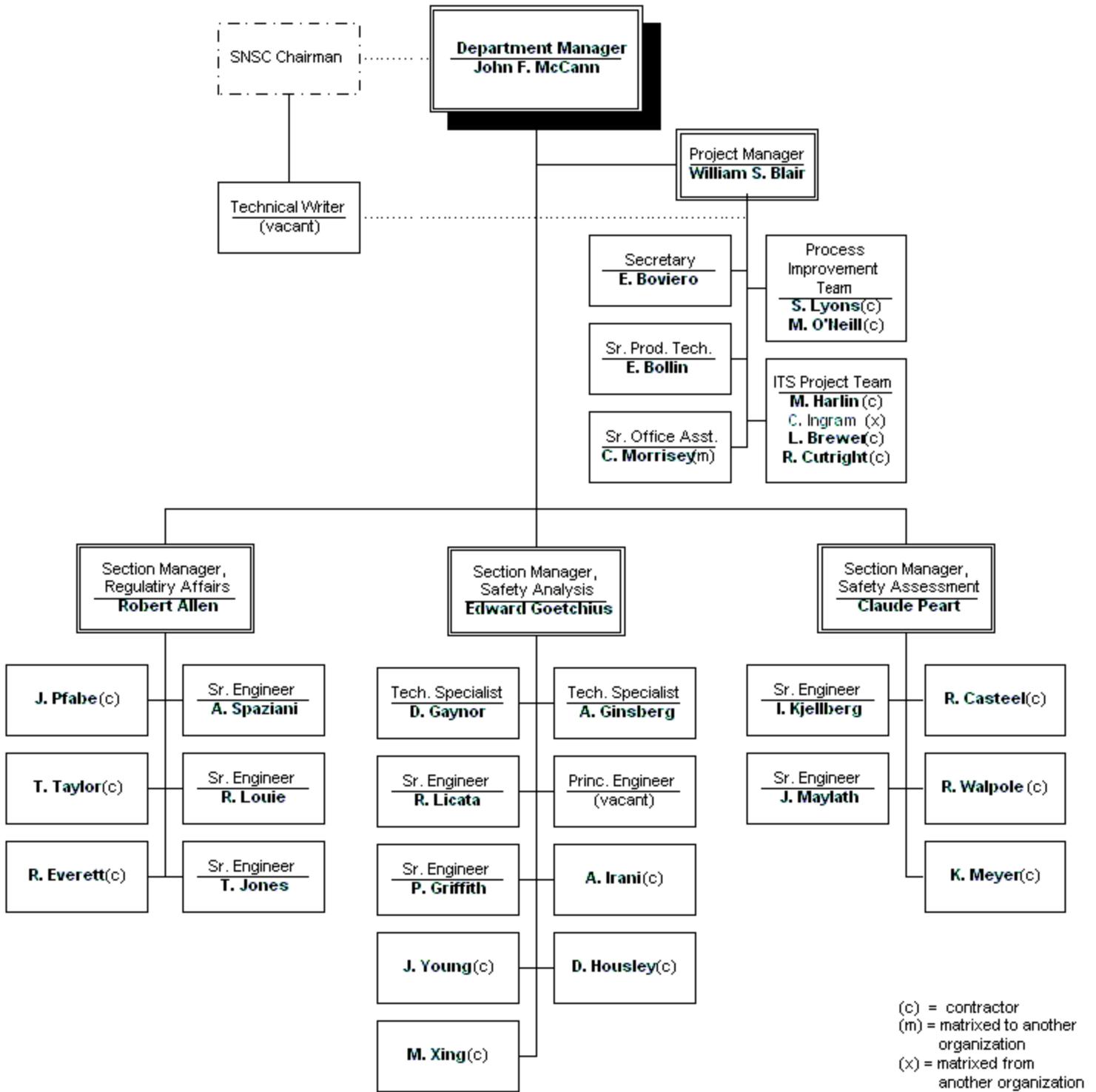
<u>Name</u>	<u>Title</u>	<u>Highest Degree</u>	<u>Professional License</u>	<u>Prof. Exper</u>	<u>Con Ed Experience</u>
<b>MANAGEMENT</b>					
R. ALLEN	SECT MGR., REG. AFFAIRS	HS		30	19
E. AMANNA	SECRETARY	HS		27	21
W. BLAIR	PROJECT MANAGER	JD	AL, DC	15	1
D. GAYNOR	TECH SPECIALIST/ANALYST	MS, ME		27	27
A. GINSBERG	TECH SPECIALIST/ANALYST	PH.D.		28	28
E. GOETCHIUS	SECT MGR., NUC LIC & SAFETY ANALYST	MS, ME	SRO, CHP	17	17
P. GRIFFITH	SR. ENGINEER	MS, MGMT SCIENCE		37	11
T. JONES	SR. ENGINEER	BS, NE		20	2
I. KJELLBERG	SR. ENGINEER	MS, MAR ENGR	PE-PA	32	16
R. LICATA	SR. ENGINEER	MS, MECH. ENGR	NYS	29	10
R. LOUIE	SR. ENGINEER	BS, ME		22	10
J. MAYLATH	SR. ENGINEER	MS, EE	NYS	27	27
J. MCCANN	DEPARTMENT MANAGER	MS, ME		26	15
C. PEART	SECT MGR., NUC SAFETY ASSESSMENT	BS, ENG. SCIENCE		23	9
A. SPAZANI	SR. ENGINEER	BT, EXPEC. MGMT	FAA, A&P	19	17
<b>WEEKLY</b>					
E. BOLLIN	SR. PROD TECHNICIAN	AAS		30	30
C. MORRISEY	SR. OFFICE ASSIST.	HS		27	27
<b>OPEN AND/OR REQUESTED</b>					
VACANT	SR. ENGR-REG. AFFAIRS				
VACANT	TECHNICAL WRITER				

### Authorized Positions

	<b>Management</b>	<b>Weekly</b>	<b>Totals</b>
<b>2000 Budget</b>	17	2	19
<b>2001 Budget</b>	17	2	19
<b>Change</b>	<b>0</b>	<b>0</b>	<b>0</b>

## 6.3 Organization Chart

### Nuclear Safety & Licensing



## 6.4 Operational Overview

This section covers routine, ongoing functions and activities of the organization.

Item	Project/Program	Description	Estimated Con Ed Hours	Estimated Outside Support \$'s (000)
6.4.1	Regulatory Affairs Agency Focus Support	Routine and on-going duties of the section, as well as supporting additional NRC and other regulatory inspections and evaluations		
6.4.2	Notice of Violation Responses	Prepare/assist with preparation of NOV responses, provide for internal reviews, approvals and submittal to NRC. Assume 6 NOV's responses to prepare.		
6.4.3	Licensee Event Reports	Prepare/assist with preparation of LER responses, provide for internal reviews, approvals and submittal to NRC. Assume 15 LER's to prepare.		
6.4.4	License/Tech Spec Amendments	Prepare/assist with preparation of amendment requests, provide for internal review, approvals and submittal to NRC. Respond to RAI's and facilitate/coordinate implementation of approved revisions. Assume 10 change requests (beyond those associated w/ projects in Section 4). Outside Support is 1 contractor.		
6.4.5	NRC Correspondence	Process special NRC correspondence (NOV's, GL's, RAI's, RR's, etc.) and routine correspondence (MOR, Oper Lic Renewals, EOP/EP, etc.)		
6.4.6	Safety Evaluations	Provide safety evaluations and unreviewed safety question evaluations of proposed facility changes tests and experiments prior to transferring control of the program to the station. Provide reporting on such changes to the NRC. Assume 400 SE's /USQE's.(100 Screens @4 hrs ea. + 85 full evaluations @ 20 hrs ea.). Contractor support=2100 hrs/ 173.3 hrs/month X \$18K/month		
6.4.7	Commitment Tracking	Administer the Commitment Tracking Process		

6.4.8	Industry Organization Participation	Participation in NEI(APOC 200 Hrs), EPRI and WOG (RBTWG 200 Hrs, other WOG activities 300hrs) activities.	700	
6.4.9	Routine Operational PSA Support	-Maintenance Rule (a) (4) Implementation (200 Hrs) -Maintenance Rule Expert Panel (100 Hrs) -Regulatory/operational support (400 hrs), Incr 600Hrs(Focus Plant) -Support NRC Revised Reactor Oversight Process (300 Hrs), Incr 400Hrs(Focus Plant)		
6.4.10	Safety Monitor Support	-Maintain reference databases (500 Hrs) -Respond to users questions/concerns (100 Hrs) -Participate in Users Group (100 Hrs)		
6.4.11	Safety Analysis Support	Staff augmentation to support the reduction of long-standing corrective action items requiring highly specialized analytical skills.		
6.4.12	SNSC & NFSC	Participation in and support for the Station Nuclear Safety Committee and the Nuclear Facilities Safety Committee. NS&L is responsible for the SNSC function and the Department Manager chairs this committee. -SNSC Secretary-Full Time, estimate 2000 Hrs -SNSC Chair-John McCann-estimate 7 hrs/wk X 40wks = 280 hrs NS&L personnel support of NFSC Subcommittees (200 hrs.).		
6.4.13	Station Divestiture	Provide full-time person to provide clerical support for the station divestiture team (C. Morrisey)		
6.4.14	E Plan Support	Time spent on training, drills and exercises		
6.4.15	Miscellaneous	Communications, Petty Cash, Benchmarking, Materials & Supplies		
6.4.16	Training	Complete all continuing and qualification training including GET, ESP, etc. Lic 350 hrs + 50 hrs, SA 450 hrs, RA 275 hrs PSA Grp 1200Hrs, Dept Trng Coord 650Hrs		

6.4.16	NRC Liaison, QA Audit Support, Self Assessments	Support for NRC licensing and inspection activities, QA audits and to conduct department planned self-assessments.		
6.4.17	Technical Program Maintenance	NRC License and Tech Spec Changes; LER Process; MOV Prog; SBO Prog; FSAR Maintenance; PSA Program; RISKMAN		
6.4.18	Management & Supervision	Time spent in management and supervisory functions including planning, delegation and oversight of work. NS&L 1300Hrs, NSA 250Hrs, RA 150Hrs, PSA 400 + 500 Hrs		
6.4.19	Emergent Work	Time allocated for work that emerges over the course of the year that must be done to support safe and reliable operation.		
6.4.20	Vacations, Holidays, Sick and Authorized Leave	V: 17 People X 17 Days ea. X 8 hrs/day = 2312 hrs H: 17 People X 11Days ea. X 8 hrs/day = 1496 hrs S & AL: 17 People X 6 Days ea. X 8 hrs/day = 816 hrs		
<b>Total Estimated Con Ed Person-Hours</b>				
<b>Total Estimated Outside Support \$'s (000)</b>				

## 6.5 Resource Analysis

<b>Section</b>	<b>Item</b>	<b>Estimated Con Ed Person-Months</b>	<b>Con Ed Labor Dollars (000)</b>	<b>Estimated Outside Support \$'s (000)</b>	<b>Total Estimated Dollars (000)</b>
6.4	Operational Overview				
4	Requested Project Support				
6.4 + 4	Total Planned Resources				
	Requested 2001 Resources				