

**FY 2001 OPERATING PLAN  
REACTOR and MATERIALS INCIDENT RESPONSE**

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**A. PROGRAM OVERVIEW**

**MANAGER/OFFICE:** Peter J. Prescott, IRO

**SUPPORT OFFICES:** Regions

**DESCRIPTION:** This program is a combination of several program areas related to analysis of, and response to, operational events at nuclear facilities. This includes maintenance of the incident and accident investigation programs to ensure that safety-significant operational events involving nuclear power plants, fuel cycle facilities and nuclear materials are thoroughly investigated. Incident response activities are conducted to ensure that (1) the agency is prepared to carry out its role in a radiological emergency, (2) licensee responses are consistent with licensee responsibilities and (3) agency responses are coordinated with other Federal response activities and State and local government activities.

**REACTOR RESOURCES:**

Office	FY 2000 Expended		FY 2001 Budget		FY 2001 Available		Q1 FY01 (Cum.) Planned		Q1 FY01 (Cum.) Expended		Q2 FY01 (Cum.) Planned		Q2 FY01 (Cum.) Expended		Q3 FY01 (Cum.) Planned		Q3 FY01 (Cum.) Expended		Q4 FY01 (Cum.) Planned		Q4 FY01 (Cum.) Expended		FY 2002 Budget	
	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$
IRO	22.8	1811	24.0	2240	24.0	2999	6.0	670	6.0	439	12.0	1149	12.0	962	18.0		24.0		24.0		24.0		24.0	2607

**MATERIAL RESOURCES:**

Office	FY 2000 Expended		FY 2001 Budget		FY 2001 Available		Q1 FY01 (Cum.) Planned		Q1 FY01 (Cum.) Expended		Q2 FY01 (Cum.) Planned		Q2 FY01 (Cum.) Expended		Q3 FY01 (Cum.) Planned		Q3 FY01 (Cum.) Expended		Q4 FY01 (Cum.) Planned		Q4 FY01 (Cum.) Expended		FY 2002 Budget	
	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$
IRO	2.0	0	1.0	0	1.0	0	0.25	0	0.25	0	0.50	0	0.50	0	0.75		1.0		1.0		1.0		1.0	0

**NOTE:** The above FTE totals include Headquarters FTEs only.  
The \$s include Program Support (Contract) Funds only.

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**Subchapter I: Program Commitments**

**I.A Incident Investigation**

**RESOURCES:**

Office	FY 2000 Expended		FY 2001 Budget		FY 2001 Available		Q1 FY01 (Cum.) Planned		Q1 FY01 (Cum.) Expended		Q2 FY01 (Cum.) Planned		Q2 FY01 (Cum.) Expended		Q3 FY01 (Cum.) Planned		Q3 FY01 (Cum.) Expended		Q4 FY01 (Cum.) Planned		Q4 FY01 (Cum.) Expended		FY 2002 Budget		
	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	
IRO	0.4	0	0.6	10	0.6	10	0.2	0	0.2	0	0.4	8	0.4	7.3	0.5		0.6					0.4	0		

**I.A.1** During FY 2001-2002, the Incident Investigation Program (IIP) will be maintained in a high state of readiness to establish and support an Incident Investigation Team (IIT) at any time. The Incident Investigation Manual (NUREG-1303), which provides formal guidance on the conduct of IITs, was revised to address investigation and programmatic deficiencies, if any. IITs will continue to be established and supported, and findings will be documented as staff follow up actions. During the second quarter of FY 2001 Management Directive 8.3, "The Incident Investigation Program," was revised. During the second quarter of FY2001, the two week IIT training course was conducted for IIT leaders and members.

**I.A.2 Support Office Activities**

**1Q01 Results:** None.

**2Q01 Results:** IIT candidates from across the agency attended the two week IIT training course.

**I.A.3 Internal Output Measures**

**Effectiveness Metric:** Maintain a roster of IIT candidate leaders and candidate members for all identified critical areas of expertise.

**FY 2001 Targets:** An EDO-approved roster will be issued every other fiscal year.  
IIT training will be conducted every other fiscal year

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<b>Milestones:</b>		<u>Target</u>	<u>Actual</u>
	Next roster due	FY 2002	
	Next IIT Training due:	FY 2001 (Conducted 02\01)	

**1Q01 Results:** None.

**2Q01 Results:** Twenty- five IIT candidates from across the agency successfully completed the two week IIT training course.

**Timeliness Metric:** Establish and dispatch a qualified Incident Investigation Team within 48 hours of a decision to conduct an incident investigation.

**FY 2001 Target:** 48 hrs

<b>Milestones:</b>		FY 01		FY02-03	
		<u>Target</u>	<u>Actual</u>	<u>Target</u>	<u>Actual</u>
	1st	48 hrs	*	48 hrs	
	2nd	48 hrs	*	48 hrs	

\*Indicates a quarter in which no IITs were dispatched.

**1Q01 Results:** None.

**2Q01 Results:** None.

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**I.B Emergency Response and ER Information Technology**

**REACTOR RESOURCES:**

Office	FY 2000 Expended		FY 2001 Budget		FY 2001 Available		Q1 FY01 (Cum.) Planned		Q1 FY01 (Cum.) Expended		Q2 FY01 (Cum.) Planned		Q2 FY01 (Cum.) Expended		Q3 FY01 (Cum.) Planned		Q3 FY01 (Cum.) Expended		Q4 FY01 (Cum.) Planned		Q4 FY01 (Cum.) Expended		FY 2002 Budget	
	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$
IRO	22.4	1811	23.5	2640	23.5	3479	5.875	670	5.875	439	11.75	1141	11.7	955	17.625			23.5				23.7		

**MATERIAL RESOURCES:**

Office	FY 2000 Expended		FY 2001 Budget		FY 2001 Available		Q1 FY01 (Cum.) Planned		Q1 FY01 (Cum.) Expended		Q2 FY01 (Cum.) Planned		Q2 FY01 (Cum.) Expended		Q3 FY01 (Cum.) Planned		Q3 FY01 (Cum.) Expended		Q4 FY01 (Cum.) Planned		Q4 FY01 (Cum.) Expended		FY 2002 Budget	
	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$	FTE	K\$
IRO	2.0	0	0.9	0	0.9	0	0.225	0	0.225	0	0.45	0	0.4	0	0.675	0			0.9	0			0.9	0

**NOTE:** The above FTE totals include Headquarters FTEs only.  
The \$s include Program Support (Contract) Funds only.

**I.B.1-1 Emergency Response Facilities and Equipment**

Continue to provide oversight and interaction with the Office of Administration to maintain high Headquarters Operations Center reliability and facility availability during FY 2001. Maintenance of references that are used to support incident response (e.g., final safety analysis reports, and emergency plans and implementing procedures) will be conducted in FY 2001. Consistent with agency efforts related to electronic information exchange, IRO emphasis will transition from maintaining references in hard copy to maintaining electronic copies of references beginning in FY 2001.

**Milestones**

- Improve the means for accessing the Electronic Plant Information Books (EPIBs) available on the external web server for public access.

**1Q01 Results:** None.

**2Q01 Results:** None.

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**I.B.1-2 Emergency Response Program Development and Response Coordination**

The on-call response coordination team member position will be continuously staffed to initiate the call-out process when the HOC is activated, and incident response procedures will be continuously updated to address lessons learned and changes to the response program.

**I.B.1-3 Federal Coordination**

During FY 2001-2002, the staff will continue its interfaces with other Federal agencies involved in radiological incident response. IRO will respond to new initiatives while maintaining NRC's role in the principal Federal response plans (Federal Response Plan, Federal Radiological Emergency Response Plan, and National Contingency Plan). The staff will coordinate with other agencies in training, exercises, and other activities; participate in new initiatives such as the evolving Federal response to terrorism involving nuclear, biological, and chemical materials to assure efficient utilization of existing procedures, agreements and resources; and avoid duplication or adverse impact. The IRO staff will also continue to improve and exercise the NRC Continuity of Operations (COOP) Plan in coordination with other Federal organizations in accordance with a multi-year strategy and program management plan as required by Presidential Decision Directive 67 (PDD-67). The COOP plan and procedures will be refined as necessary to integrate, rather than duplicate, other contingency plans. In addition, the IRO staff will continue to work on PDD-63 (Critical Infrastructure Protection) and with the FBI to ensure the NRC response program is compatible with the evolving Weapons of Mass Destruction (WMD) preparedness activities being developed in response to PDD-39 (June 1995, "U.S. Policy on Counter Terrorism") and PDD-62 (May 1998, "Protection Against Unconventional Threats to Homeland and Americans Overseas").

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**I.B.1-4 State Outreach**

During FY 2001-2002, the incident response staff will participate in exercises, drills, major organizational meetings, and training sessions with State coordination as a focus. The training provided will be conducted in the most expeditious way possible. State personnel will be invited to IRO for short-term rotational assignments on response program functions and procedures.

**Milestone:** The NRC will participate in exercises, major planning meetings, conferences, or training sessions with 100% of the States within the nuclear power plant (NPP) 10-mile emergency planning zones (EPZ) and with each NPP utility every 5 years to maintain our relationship with our response partners during a reactor event. In addition, the NRC will participate in exercises, major planning meetings, conferences or training sessions with 100% of the States and major fuel cycle facilities every five years to maintain our relationship with our response partners during a materials event.

FY01		FY01-02	
<u>Target</u>	<u>Actual</u>	<u>Target</u>	<u>Actual</u>
09/01		09/02	

**1Q01 Results:**

A Region I coordination session was conducted on October 4, 2000 with the following States: Connecticut, West Virginia, Virginia, New Hampshire, Maine, Delaware, New Jersey, Vermont, Ohio, Pennsylvania, and Massachusetts.

**2Q01 Results:**

A Region I coordination session was conducted with the state of New York on January 18, 2001.  
A Region 2 coordination session was conducted with the state of West Virginia on February 15, 2001.  
A Region 3 coordination session was conducted on February 7, 2001 with the following states: Ohio, Pennsylvania and Indiana  
A Region 2 and 4 coordination session was conducted on March 19, 2001 with the following states: Alabama, Florida, Georgia, North Carolina, South Carolina, Tennessee, Mississippi and Louisiana.

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**I.B.1-5 NRC Responder Training, Exercises, and Event Response**

During FY 2001-2002, the staff will continue to improve the conceptual design of emergency response courses, prepare and revise training documents, and schedule, track and conduct training for headquarters and regional responders. In this way, the efficiency and effectiveness of headquarters and regional responder training will be significantly improved. Training outside the exercise environment will continue to be provided in order to improve responder technical skills. In FY 2001, as many as four full participation reactor exercises and one materials exercise will be conducted each year. As many as six other exercises, including site team only exercises and a variety of others, including ingestion phase table-tops and News Center exercises, will be conducted each year to accommodate the training needs of the NRC staff.

**Milestone:** The NRC will participate in exercises with 100% of the NPP utilities, major fuel cycle facilities and States within the NPP emergency planning zones (EPZs) every 5 years.

FY01		FY01-02	
<u>Target</u>	<u>Actual</u>	<u>Target</u>	<u>Actual</u>
09/01		09/02	

**1Q01 Reactor Results:**

<u>Plant Name</u>	<u>Type of Exercise</u>	<u>Exercise Date</u>
South Texas	Full	October 2000
Brunswick	Region Only	December 2000

**1Q01 Materials Results:** None.

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**2Q01 Reactor Results:**

<u>Plant Name</u>	<u>Type of Exercise</u>	<u>Exercise Date</u>
Hatch	Region Only	March 2001

**2Q01 Materials Results:** None.



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**I.B.1-6 Headquarters Operations Officers**

During FY 2001-2002, the Headquarters Operations Center will be continuously staffed by Headquarters Operations Officers (HOOs). They will take initial notifications of events and will document these events for further review within the agency via the Event Notification documents. The events will also be posted on the NRC web page the next day. During non-working hours (for other NRC staff), they will take allegation reports. They will screen the initial reports as part of the decision making process on whether to activate the agency's emergency response. The HOOs will also publish Plant Status Reports on a daily basis and post the reports on the NRC web page the next day.

**I.B.1-7 Regional Response Coordination**

The NRC Incident Response program element in each region ensures that the NRC is prepared to carry out its role in a radiological emergency at a licensed nuclear facility, and ones involving NRC licensed material or material licensed by an Agreement State. It ensures that licensee response is consistent with its responsibilities, supports the needs of State and local governments, and that the NRC response is coordinated with other Federal response entities and associated activities.

During FY 2001-2002, the Emergency Response Coordinators (ERCs) will continue to maintain and update the regional response procedures, facilities, and equipment, assist in training regional and State responders, and coordinate regional response activities during exercises and actual events.

The Regional Incident Response Program must be maintained at a high level of readiness at all times. To accomplish this, the regions will train response personnel as required to maintain technical and administrative skills, participate periodically in drills and exercises, maintain response equipment in a state of operational readiness, maintain response procedures current, and implement program improvements resulting from lessons learned. The region will designate sufficient staff to participate as response team members to implement program objectives, keeping in mind program efficiencies. The regions will maintain a dedicated Incident Response Center. In addition, the regions will continually evaluate ways to improve response through upgrades to equipment, resources, and facilities. The regions will interface with IRO, other Federal agencies, licensees, State and local governments in order to maintain a high level of cooperation necessary for response to emergencies.

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**I.B.1-8 Information Technology - Emergency Response**

IRO will maintain the readiness of the Emergency Telecommunications System (ETS). Actions will be taken in a timely manner to accommodate the coming changes in NRC's telecommunications environment, in a way that will ensure continuous reliable phone service to each NRC-licensed reactor site. The Emergency Response Data System will be operated and maintained in a highly reliable status to ensure operation of the system under accident conditions. The Operations Center Response Computer System will be supported in a reliable state, and analytical methods such as the Geographical Information System will be maintained in a ready state to support technical analysis by response teams.

**I.B.2 Support Office Activities**

**1Q01 Results:**

Comment resolution for RASCAL 3.0 was completed. The code was frozen for verification and validation testing.

**2Q01 Results:**

RASCAL 3.0 was completed and issued in March 2001. A technical manual, NUREG- 1741, was also completed and published. Copies of RASCAL 3.0 and NUREG- 1741, were sent to the Regions, States and other interested parties.

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**I.B.3 Output Measures**

<b>EXTERNAL OUTPUT MEASURES (Required in the FY 2001 Blue Book)</b>		
<b>Output</b>	<b>FY 2001 Target</b>	<b>FY 2002 Target</b>
Incident Response Performance Index	95 Percent	99 Percent
<p>Definition: Index provides the single overall measure of the degree in which the agency believes it is ready to respond to an emergency situation. It serves as a method for measuring disparate activities which comprise the elements of the incident response program. It will be determined by averaging the degree of satisfaction of the following program functions: Response Organization Staffing, Response Facility Availability, Communications Reliability, Response Organization Training, 24-Hour Notification Point, Timeliness of Activation Decision, and Timeliness of Activation. If the overall index falls below or approaches its target value of 95% in FY 2000 and 99% in FY 2001, management will determine what is contributing most to the decline and conduct appropriate corrective measures based on this review.</p>		

The Index is given by the sum of the ratios of the actual to target for each metric divided by the number of metrics.

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**INTERNAL OUTPUT MEASURES**

**Quarterly Targets/Schedule:**

**Milestones:**

**Quality Metric:** Continuously staff Operations Center with *highly qualified* operations officers. *Highly qualified* = Training<sup>6</sup> + Experience.<sup>7</sup>

**FY 2001 Target:** The Operations Center will provide highly qualified Operations Officers on a continual (24 hours per day) basis with no down time.

<b>Milestones:</b>		FY 01		FY 02-03	
		<u>Target</u>	<u>Actual</u>	<u>Target</u>	<u>Actual</u>
	1st	100%	100%	100%	
	2nd	100%	100%	100%	

**1Q01 Results:** None.

**2Q01 Results:** None.

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<sup>6</sup> Training requirements suggested for the HOOs: (1) 100 percent of HOOs will have completed Tier 1 training, which includes PWR and BWR Series required for initial qualification + demonstrated competency on HOO equipment. (2) All HOOs will periodically demonstrate competency on HOO equipment and complete PWR and BWR refresher training. (3) At least 50 percent of HOOs will have completed two Tier 2 training courses such as B&W/CE cross training, MOV course, EDG course (courses highly relevant to their responsibilities).

<sup>7</sup> Experience. Emphasis will be placed on recruiting Operations Officers with experience at a nuclear power plant (e.g., former Resident Inspectors).

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**Quantity Metric:** Each critical response organization position shall have at least two individuals on the call list at all times.

**FY 2001 Target:** Each critical response organization position will have at least two individuals on the call list at all times to respond to reactor events.

<b>Milestones:</b>	FY 01	HQ	RI	RII	RIII	RIV	FY02-03
	<u>Target</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Target</u>
1st	100%	100%	100%	100%	100%	100%	100%
2nd	100%	100%	100%	100%	100%	100%	100%

**1Q01 Results:** None.

**2Q01 Results:** None.

**Quantity Metric:** Each critical response organization position shall have at least two individuals on the call list at all times.

**FY 2001 Target:** Each critical response organization position will have at least two individuals on the call list at all times to respond to material events.

<b>Milestones:</b>	FY 01	HQ	RI	RII	RIII	RIV	FY02-03
	<u>Target</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Target</u>
1st	100%	100%	100%	100%	100%	100%	100%
2nd	100%	100%	100%	100%	100%	100%	100%

**1Q01 Results:** None.

**2Q01 Results:** None.

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**Quantity Metric:** Personnel who fill critical positions in the reactor response organization will be trained.

**FY 2001 Target:** 100% of the critical positions on the response organization (headquarters and regions) will be trained in accordance with the training plan.

<b>Milestones:</b>	FY 01	HQ	RI	RII	RIII	RIV	FY02-03
	<u>Target</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Target</u>
1st	100%	100%	100%	100%	100%	100%	100%
2nd	100%	100%	100%	100%	100%	100%	100%

**1Q01 Results:** None.

**2Q01 Results:** None.

**Quality Metric:** Personnel who fill critical positions in the materials response organization will be trained.

**FY 2001 Target:** 100% of the critical positions on the response organization (headquarters and regions) will be trained in accordance with the training plan.

<b>Milestones:</b>	FY 01	HQ	RI	RII	RIII	RIV	FY02-03
	<u>Target</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Target</u>
1st	100%	100%	100%	100%	100%	100%	100%
2nd	100%	100%	100%	100%	100%	100%	100%

**1Q01 Results:** None.

**2Q01 Results:** None.

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**Quality Metric:** The NRC will be able to respond 100 percent of the time from the Headquarters Operations Center or from a back-up facility.

**FY 2001 Target:** 100%

<b>Milestones:</b>		FY 01		FY 02-03	
		<u>Target</u>	<u>Actual</u>	<u>Target</u>	<u>Actual</u>
	1st	100%	100%	100%	
	2nd	100%	100%	100%	

**1Q01 Results:** None.

**1Q01 Results:** None.

**Quality Metric:** At least one telecommunication circuit will be available for communication between the NRC Operations Center and each operating NPP

**FY 2001 Target:** 100% of all operating NPPs will have at least one circuit available 99% of the time under all circumstances.

<b>Milestones:</b>		FY 01		FY 02-03	
		<u>Target</u>	<u>Actual</u>	<u>Target</u>	<u>Actual</u>
	1st	100%	100%	100%	
	2nd	100%	100%	100%	

**1Q01 Results:**

The transition of the Emergency Telecommunications System (ETS) began during this quarter. A total of 22 reactor sites transferred ETS functions to corporate communication systems under the voluntary initiative in Regulatory Issues Summary (RIS) 2000-11. All sites maintained the ability to communicate with the NRC Operations Center throughout the quarter.

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**2Q01 Results:**

The ETS transition continued during this quarter. All of the twenty - three RIS 2000-11 volunteer sites have completed transitioning their ETS functions to corporate communication systems. In addition, eighteen of the remaining seventy-two ETS sites were transferred from FTS 2000 (AT&T) to FTS 2001 (Worldcom) during this quarter. All sites maintained the ability to communicate with the NRC Operations Center throughout the quarter with the exception of the South Texas Project (STP). STP lost all long distance telecommunications from the site (including ETS) for two hours and twenty-six minutes on February 9, 2001, yielding an availability of 99.75% for the quarter. During the outage period, the licensee could still communicate with the NRC via their microwave capability at their Houston office.

**Timeliness Metric:** A response decision to a reported reactor emergency will be prompt.

**FY 2001 Target:** A response decision to a reported reactor emergency will be completed within 30 minutes following notification to the NRC.

<b>Milestones:</b>	FY 01	<u>Actual</u>	FY 02-03
	<u>Target</u>		<u>Target</u>
1st	30 min.	*	30min.
2nd	30 min.	*	30min.

\* Indicates a quarter in which there were no activations of the NRC response function.



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**1Q01 Results:**

At 0439 EST, on November 5, 2000, Diablo Canyon Units 1 and 2 notified the NRC Operations Center of declaration of an Unusual Event due to a potential bomb threat. The NRC entered the Monitoring Phase of Normal Mode at 0500 EST; therefore, the response decision to the reported reactor emergency was completed within 21 minutes of the licensee's notification to the NRC.

At 0442 EST on December 11, 2000, Beaver Valley Unit 2 notified the NRC Operations Center of commencement of a technical specification required shutdown due to unidentified reactor coolant system leakage exceeding allowable values. At 0603 EDT, the licensee notified the NRC Operations Center that an Unusual Event had been declared due to the unidentified leakage exceeding 10 gallons per minute. The NRC entered the Monitoring phase of Normal Mode at 0825 EDT; therefore, the response decision to the reported reactor emergency was completed within 142 minutes of the licensee's updated notification to the NRC.

**2Q01 Results:**     None.

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**Timeliness Metric:** A response decision to a reported materials or fuel cycle facility emergency will be prompt.

**FY 2001 Target:** A response decision to a reported fuel cycle facility emergency will be completed within 30 minutes following notification to the NRC.

Milestones:	FY 01		FY02-03
	<u>Target</u>	<u>Actual</u>	<u>Target</u>
1st	30 min.	*	30min.
2nd	30 min.	*	30min.

\* Indicates a quarter in which there were no activations of the NRC response function.

**1Q01 Results:**

At 0910 EDT on October 6, 2000, a representative of the NRC's Information Assessment Team (IAT) notified the NRC Operations Center of an ongoing security event at Nuclear Fuel Services (Erwin). The NRC entered the Monitoring Phase of Normal Mode at 0930 EDT based on the IAT's notification, and the licensee notified the NRC Operations Center of the security event a 1001 EDT. Therefore, the response decision to the reported fuel facility event was completed within 20 minutes of the NRC's IAT notification to the NRC Operations Center and 31 minutes *prior* to the licensee's notification to the NRC Operations Center.

**2Q01 Results:** None

**Timeliness Metric:** All critical reactor response positions will be staffed promptly.

**FY 2001 Target:** 100% of the critical reactor response positions will be operational within 60 minutes following the NRC decision to respond.

Milestones:	FY 01	HQ	RI	RII	RIII	RIV	FY02-03
	<u>Target</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Target</u>
1st	60 min.	*	*	*	*	*	60 min.
2nd	60 min.	*	*	*	*	*	60 min.

\* Indicates a quarter in which there were no activations of the NRC response function or the required response time was met.

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**1Q01 Results:**

At 0439 EST, on November 5, 2000, Diablo Canyon Units 1 and 2 notified the NRC Operations Center of declaration of an Unusual Event due to a potential bomb threat. The NRC entered the Monitoring Phase of Normal Mode at 0500 EST. The critical response positions were operational within 60 minutes following the NRC decision to respond.

At 0442 EST on December 11, 2000, Beaver Valley Unit 2 notified the NRC Operations Center of commencement of a technical specification required shutdown due to unidentified reactor coolant system leakage exceeding allowable values. At 0603 EDT, the licensee notified the NRC Operations Center that an Unusual Event had been declared due to the unidentified leakage exceeding 10 gallons per minute. The NRC entered the Monitoring phase of Normal Mode at 0825 EDT. The critical response positions were operational within 60 minutes following the NRC decision to respond.

**2Q01 Results: None.**

**Timeliness Metric: All critical materials response positions will be staffed promptly.**

**FY 2001 Target:** 100% of the critical fuel cycle response positions will be operational within 60 minutes following the NRC decision to respond.

100% of the critical materials event response positions will be operational within minutes following the NRC decision to respond.

Milestones:	FY 01	HQ	RI	RII	RIII	RIV	FY02-03
	<u>Target</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Target</u>
1st	60\60 min.	*	*	*	*	*	60\60 min.
2nd	60\60 min.	*	*	*	*	*	60\60 min.

\* Indicates a quarter in which there were no activations of the NRC response function.

**1Q01 Results:**

At 0910 EDT on October 6, 2000, a representative of the NRC's Information Assessment Team (IAT) notified the NRC Operations Center of an ongoing security event at Nuclear Fuel Services (Erwin). The NRC entered the Monitoring Phase of Normal Mode at 0930 EDT based on the IAT's notification, and the licensee notified the NRC Operations Center of the security event at 1001 EDT. The critical response positions were operational within 60 minutes following the NRC decision to respond.

**2Q01 Results: None**

**FY - 2001 OPERATING PLAN  
REACTOR and MATERIALS INCIDENT RESPONSE**

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**Subchapter II: Self Assessments/Evaluations**

**1Q01 Results:** None.

**2Q01 Results:** None.

**FY - 2001 OPERATING PLAN  
REACTOR and MATERIALS INCIDENT RESPONSE**

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**Subchapter III: Management Control Plan**

Necessary management controls are in place to meet the requirements outlined below. IRO continues to monitor all controls in place, and continues to review the implementation of these controls to ensure the desired results.

- Programs are achieving their intended results
- Resources are being used consistent with the agency's mission
- Programs and resources are protected from waste, fraud and mismanagement
- Laws and regulations are followed
- Reliable and timely information is obtained, maintained, reported, and used for sound decision making

In reaching the above determination, reliance was made on all available sources of information including those identified in MD 4.4 and the accompanying Handbook.

**Accomplishments:**

**1Q01 Results:**

All IRO administrative procedures are in the process of being updated.

**2Q01 Results:**

The IRO administrative procedures remain in the process of being updated.

**FY - 2001 OPERATING PLAN  
REACTOR and MATERIALS INCIDENT RESPONSE**

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**Subchapter IV: Communications Planning**

**Milestone:**

This subchapter is intended to discuss the initiatives IRO is implementing to improve communication program goals and establish effective and efficient communications identified within the newly developed Event Response and Assessment Communication Plan. This section of the operating plan is also intended to detail the tools and activities implemented by IRO to communicate with the staff and external stakeholders throughout the Incident Investigation, Emergency response and Emergency Preparedness processes. In addition, the actions are intended to provide a method to improve the consistency of staff communication activities, improve the management of communication activities, improve staff communication skills, and define a clear linkage between the Strategic Goals in each arena of the Strategic Plan (SP) and the performance goals regarding; increasing public confidence and improving effectiveness and efficiency.

**Activities:**

**1Q01 Results:**

As the lead organization for the Event Response and Assessment Communication Plan, IRO coordinated and developed the current version of the plan in collaboration with NRR, NMSS, and RES team members. The plan was forwarded to the EDO in October 2000 and has subsequently been forwarded to other offices for use as the agency standard in developing other communication plans.

IRO continues to solicit and receive comments/suggestions for incorporation in revising the plan as significant changes are identified.

**2Q01 Results:**

IRO continues to solicit and receive comments/suggestions for incorporation in revising the plan as significant changes are identified.