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SUBJECT: Forwards fitness-for-duty program performance data rept for  
Jan-June 1992 & corrected performance data rept for Jan  
1990-Dec 1991, consisting of confirmed positive tests for  
specific substances.

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

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August 28, 1992  
GO2-92-204

Docket No. 50-397

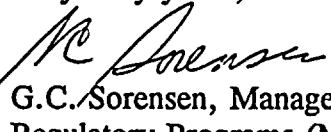
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Subject: **WASHINGTON PUBLIC POWER SUPPLY SYSTEM  
NUCLEAR PLANT NO. 2  
FITNESS FOR DUTY SEMIANNUAL PERFORMANCE DATA REPORT  
JANUARY 1 TO JUNE 30, 1992**

Pursuant to 10 CFR 26, enclosed is the Supply System's Semiannual Performance Data Report for January 1 - June 30, 1992. Charts and graphs that summarize Program data are attached to the report. In addition, a corrected report of "Confirmed Positive Tests For Specific Substances" is enclosed. All previous performance data reports for the reporting period January 1 through December 31, 1991, incorrectly limited the reporting of "Confirmed Positive Tests For Specific Substances" to random testing only. Accordingly, a corrected report that includes all testing categories for the previous reporting periods is enclosed.

Questions regarding the information in this report should be directed to M.M. (Matt) Monopoli, Manager, Support Services, (509) 377-8473.

Very truly yours,

  
G.C. Sorensen, Manager  
Regulatory Programs (Mail Drop 280)

GCS:mo

- Enclosures (1) Nuclear Plant 2, Fitness for Duty Program, Performance Data Report, January 1-June 30, 1992  
(2) Nuclear Plant 2, Corrected Performance Data Report, Confirmed Positive Tests For Specific Substances, January 1, 1990-December 31, 1991.

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NRC Report  
Page 2  
August 28, 1992

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Mr. N. S. Reynolds, Winston and Strawn  
Mr. F. Wenslawski, NRC - Region V  
Mr. L. Norderhaug, NRC - Region V  
Mr. R. R. Assa, NRC  
Mr. D. L. Williams - BPA/399



**NUCLEAR PLANT NO. 2**  
**PERFORMANCE DATA REPORT**  
**JANUARY 1, 1992 - JUNE 30, 1992**

**Introduction**

The Supply System continues to demonstrate that the Fitness for Duty Program is successful in working towards achieving a drug free workplace. During the first six months of calendar year 1992, the Supply System performed 1,036 random drug and alcohol tests. This represents a testing rate of 53.8% of the average random population during this January to June reporting period.

The confirmed positive rate for random drug and alcohol tests during this reporting period was 0.19%. This represents a 0.28% decrease from the previous July - December 1991 reporting period and a slight 0.02% decrease from the same January to June period in 1991.

**Program Result Analysis**

The Medical Review Officer (MRO) confirmed positive drug and alcohol test results for this reporting period are summarized as follows:

**Pre-Access**

The Pre-Access category is a combination of the previously reported categories, Pre-Employment and Pre-Badging.

Marijuana	6
Cocaine	1
Amphetamines	1

Total	8	confirmed positive results involving 8 individuals.
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Of the 8 confirmed positive Pre-Access chemical tests, 6 involved short term contractors and 2 involved prospective Supply System employees as follows:

Supply System Applicants

1 Marijuana

1 Cocaine

Sort term contractor Applicants

5 Marijuana

1 Amphetamine

In contrast, there were the same number of MRO confirmed positive Pre-Access results during the same reporting period for 1991. However, all 8 were short term contractors during 1991.

For Cause

There were no for cause drug or alcohol tests administered during this reporting period of January 1 through June 30, 1992. This includes no behavioral observation or post-accident for cause testing.

Random

Marijuana	2
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Total	<hr/> 2	confirmed positive random tests for 2 individuals.
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The Supply System randomly tested 1036 individuals from an average selection pool of 1925 individuals. This resulted in 0.19% positives. Both confirmed positive tests involved Supply System employees and were for marijuana. For both of these employees, this was the first confirmed positive chemical test. They were each denied access to the Protected Area of WNP-2 for 14 days. Each was referred to the EAP and placed on 14 days administrative leave. One subsequently returned to work and began a follow-up program. The other is currently on short-term disability participating in treatment.

Follow-Up

Under the Supply System follow-up Program 13 drug and alcohol tests were administered during this reporting period. There was one confirmed positive follow-up test for marijuana as a result of this program. The confirmed positive follow-up test was 3 months after the confirmed random test for the same substance. The follow-up positive resulted in termination of employment and denial of access to the protected area of WNP-2 for a period of three years.



### Other

There were no drug or alcohol tests administered as a result of other causes during this reporting period.

### Reportable Events

There were no 24 hour reportable Significant Fitness for Duty Events during this reporting period.

### Performance Summary

Chart 1, Tests by Employee Type. This chart shows the total population in each of the reporting categories making up the random test pool administered by the Fitness for Duty Program.

Chart 2, Chemical Tests by Type. This chart shows the breakdown of drug and alcohol tests by category. In this report, the categories Pre-employment and Pre-Badging were combined to make up the category Pre-Access, as required by the new report format.

Graph 1, Random Test Failures. This graph shows the total number of random test failures by substance for each of the 5 reporting periods. The current report period shows that marijuana was the cause of confirmed random failures for all three January to June reporting periods, 1990, 1991 and 1992.

Graph 2, Percent of Individuals Per Times Selected, Available for all 194 Runs (January - June 1992). This graph shows that the percentage of participants selected 0 times and available for all 194 random runs is declining and now at 4.1%.

Graph 3, Percent of Individuals Per Times Selected, Movement Over Time (January 1990 - June 1992). This graph shows the movement of the random selection curve over all five reporting periods beginning January 1990 through June 1992. The percentage of those selected 0 times has dropped from 6.6% by December 31, 1991 to 4.1% by June 30 1992.

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### Program Changes

There was one report of unsatisfactory performance testing by a HHS-certified laboratory. On January 6, 1992, the Supply System submitted a report of inconsistent blind performance test results to the USNRC. A supplemental report was submitted on May 13, 1992. The reports described inconsistent laboratory analyses results between the two HHS-certified laboratories used by the Supply System. One of the laboratories found all samples positive for opiate metabolites, while the other reported negative results. The cause was not determined by either laboratory or a Supply System consultant. Until the issue is resolved, the services of the laboratory with the false negative have been terminated and a contract with a new HHS-certified laboratory has been executed.

The following changes have been made to the Fitness for Duty Program in an effort to maintain the overall effectiveness of the program:

- The Supply System has discontinued use of Laboratory of Pathology for confirmation testing. This was a result of inconsistent results obtained from the Laboratory of Pathology in the area of opiates, specifically codeine.
- The Supply System has obtained the services of Compuchem for confirmation testing and to serve as a second HHS-certified laboratory.
- A new collection facility was opened outside the Protected Area to serve as the central collection facility operated by the Fitness for Duty Program. The general administration offices are also located in the new facility. This enhances communication between the administrative staff and the collection technicians.

### Conclusion

The Supply System continues to demonstrate that the Fitness for Duty Program is successful toward it's goal of achieving a drug-free workplace.

**Fitness for Duty Program  
Performance Data  
Personnel Subject to 10CFR 26**

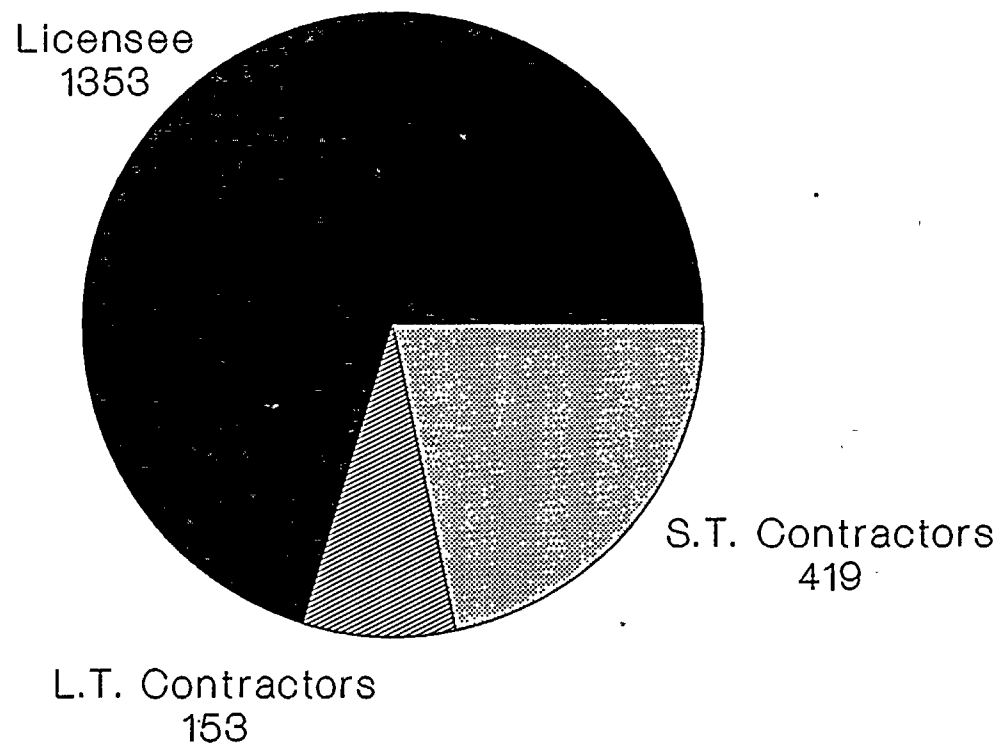
Washington Public Power Supply System		June 30, 1992
<small>Company</small>		<small>6 Months Ending</small>
3000 George Washington Way. Richland, Wa 99352		
<small>Location</small>		
M.M. Monopoli		(509) 377-8473
<small>Contact Name</small>		<small>Phone (include area code)</small>
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Appendix A to 10CFR 26		
Marijuana	100 / 15	Amphetamines    1000 / 500    _____ /
Cocaine	300 / 150	Phencyclidine    25 / 25    _____ /
Opiates	300 / 300	Alcohol (% BAC)    .04    _____ /

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		1925		1353		153	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		343	2	10	0	999	6
For Cause	Post accident	0	0	0	0	0	0
	Observed behavior	0	0	0	0	0	0
Random		801	2	99	0	136	0
Follow-up		10	1	0	0	3	0
Other							
Total		1154	5	109	0	1138	6



# Supply System FFD Program

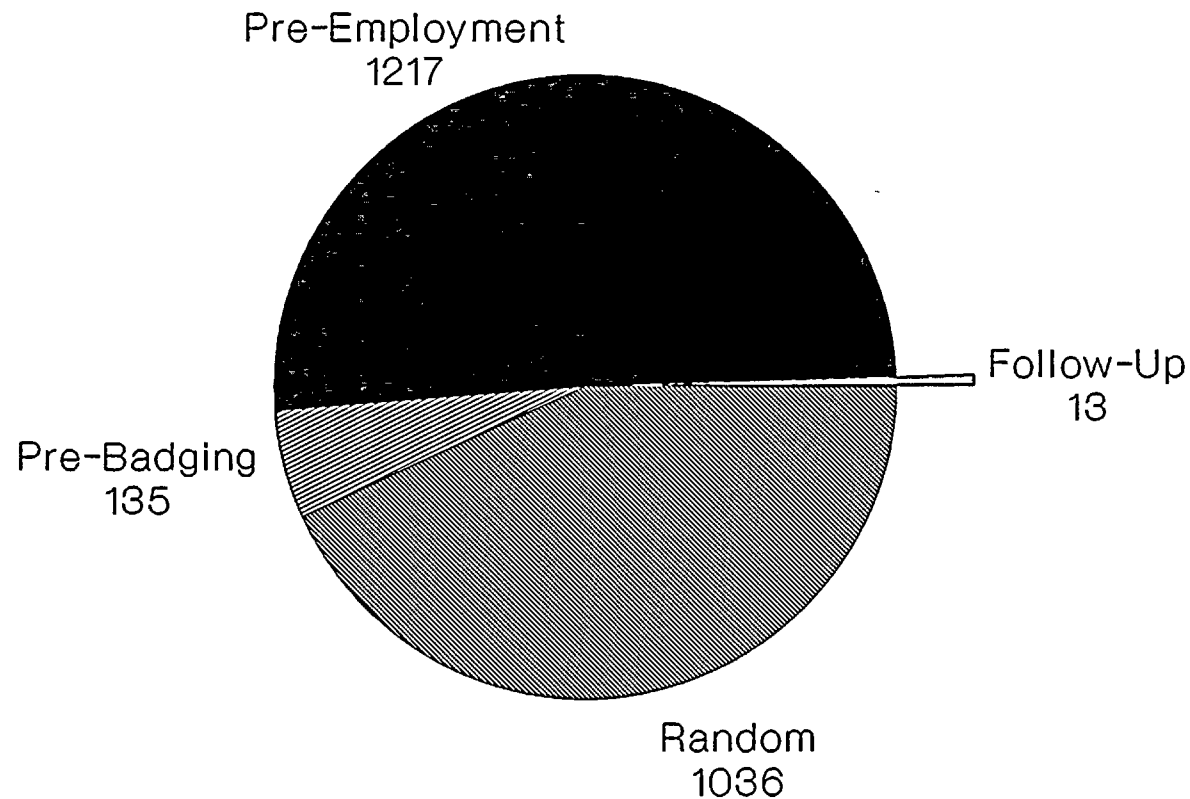
## Tests by Employee Type



January 1-June 30, 1992  
Chart 1

# Supply System FFD Program

## Chemical Tests By Type



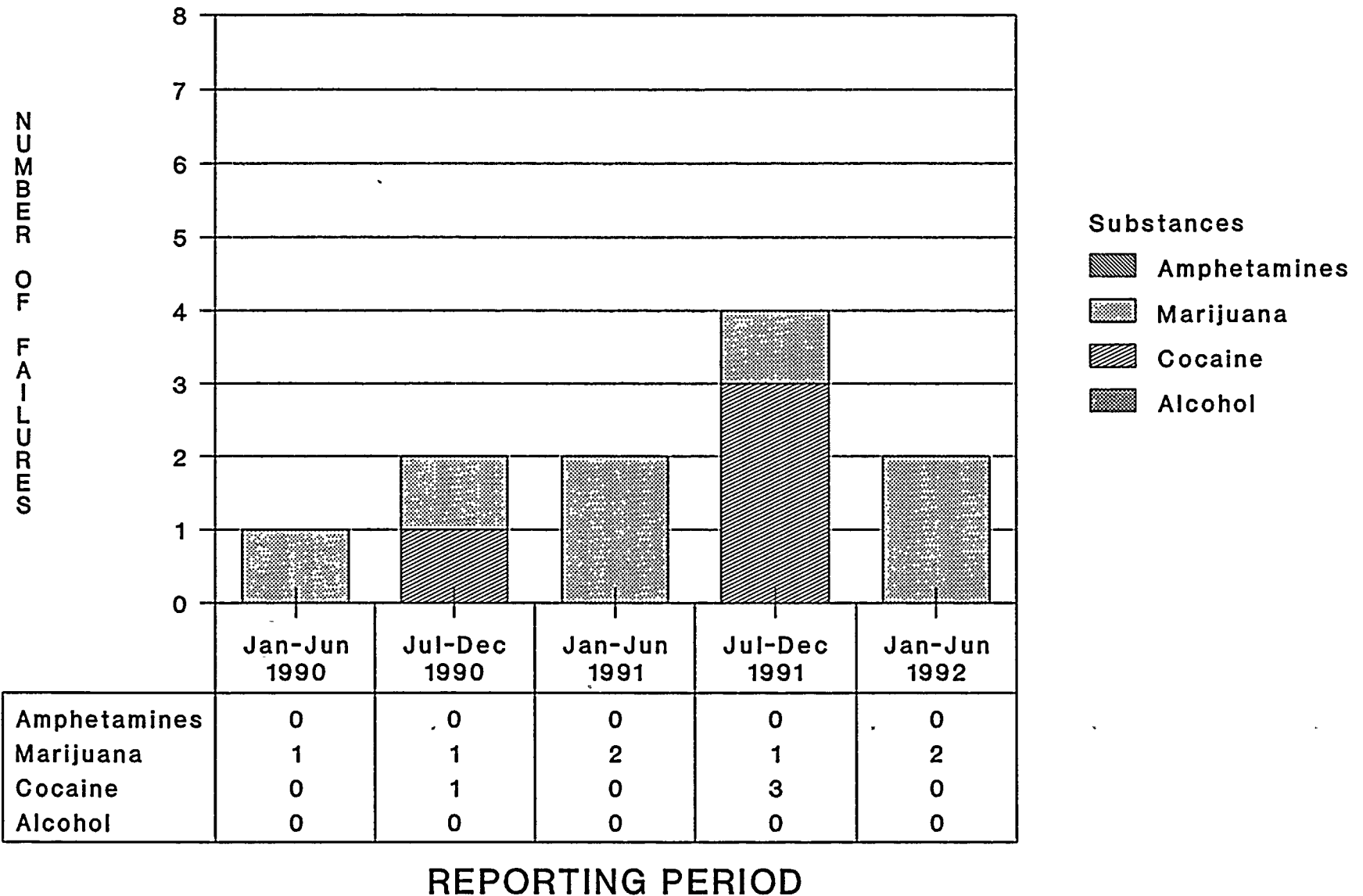
January -June 1992  
Chart 2





# Random Test Failures

## Reporting Periods January 1990-June 1992

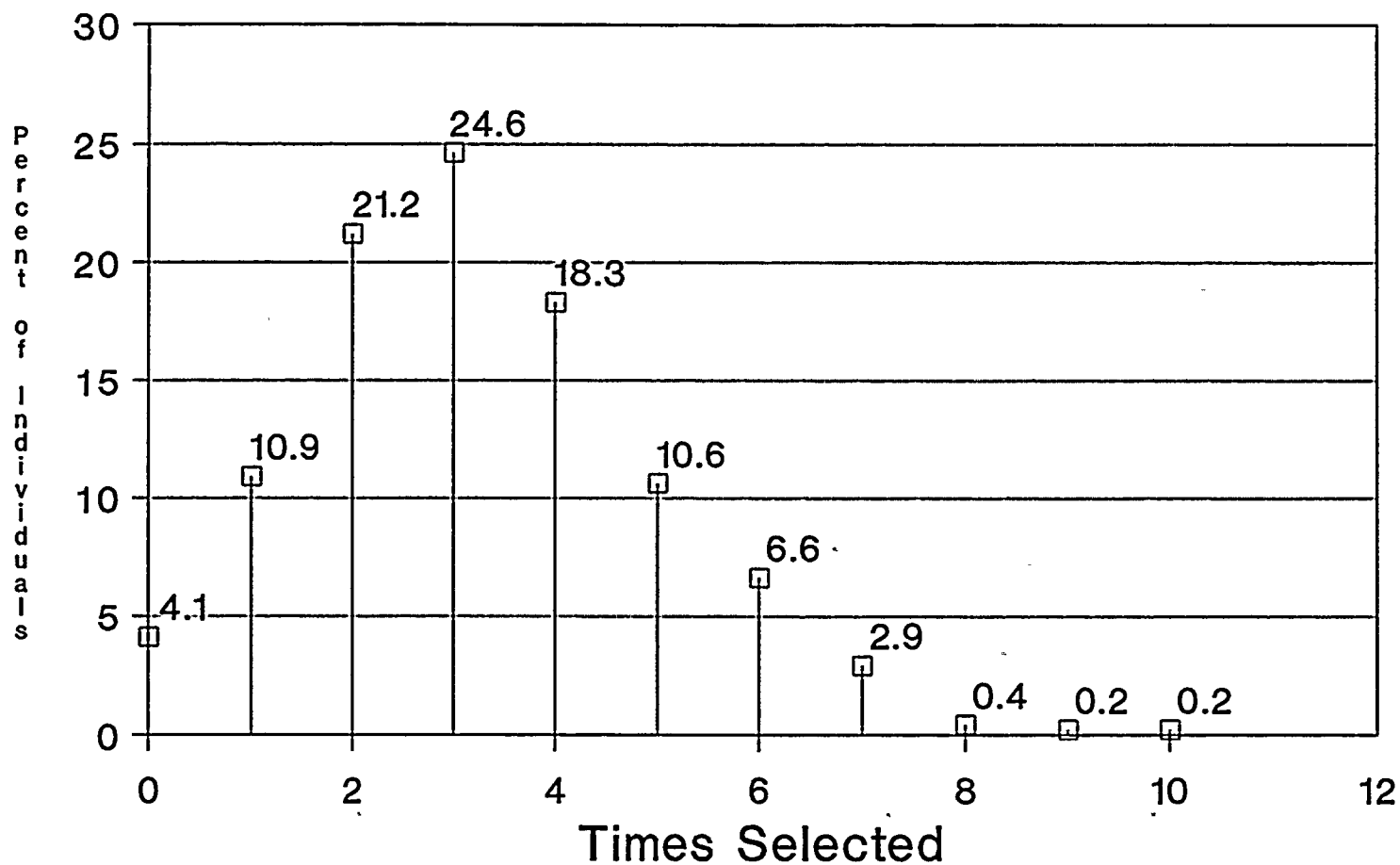


Graph 1



# Percent/Individuals Per Times Select

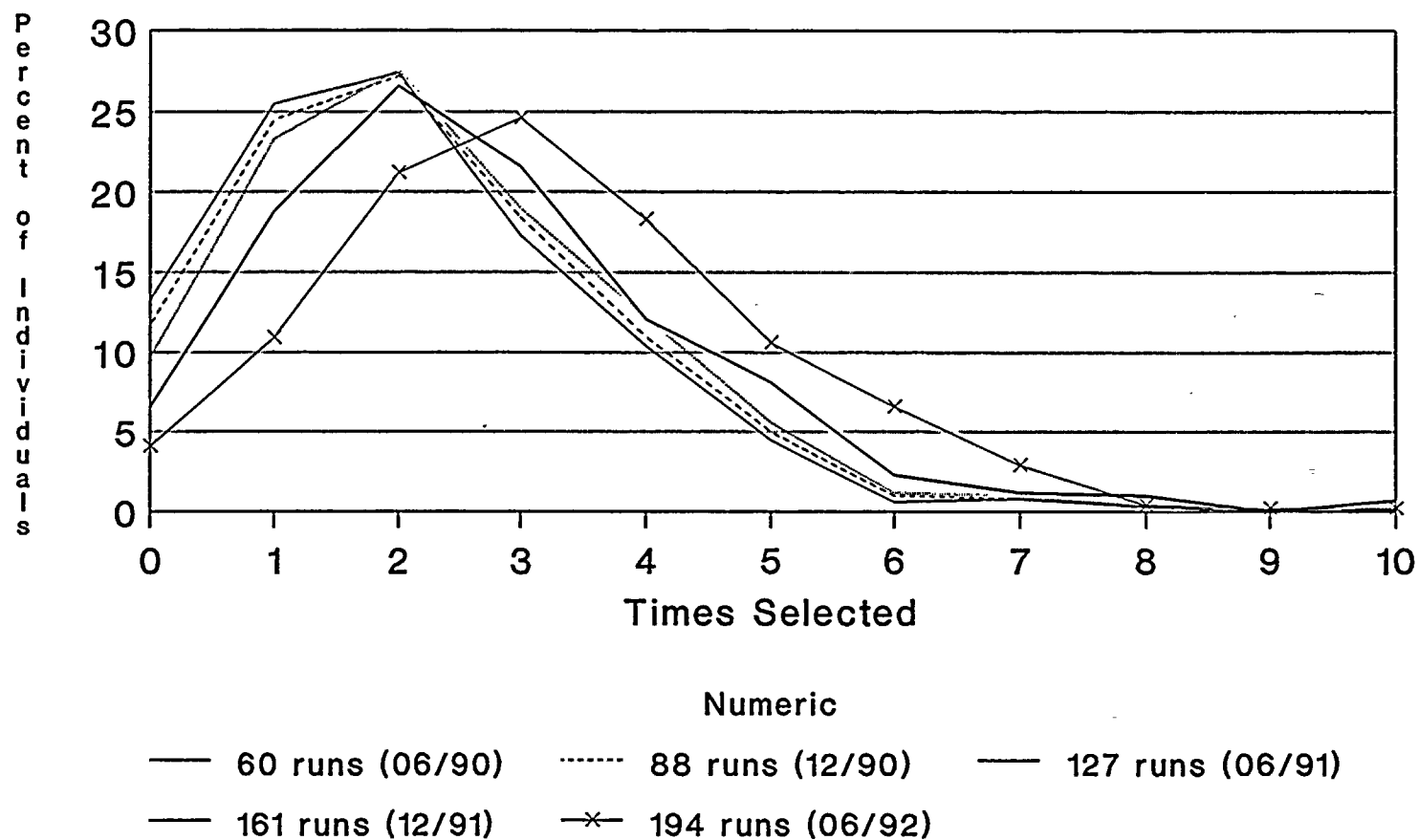
(Available for all 194 runs)



January - June 1992  
Graph 2

# Percent of Individuals Per Times Select

## -Movement Over Time-(January-June 1992)



Graph 3



### Breakdown of Confirmed Positive Tests for Specific Substances

[illegible]

**NUCLEAR PLANT-2**

**CORRECTED PERFORMANCE DATA REPORT**

**(January 1, 1990 - December 31, 1991)**

**CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES**

DATES:	JAN-JUN 1990	JUL-DEC 1990	JAN-JUN 1991	JUL-DEC 1991
MARIJUANA:	18	1	7	2
COCAINE:	2	2	2	3
OPIATES:	0	0	0	0
AMPHETAMINES:	1	0	0	0
PHENCYCLIDINE:	0	0	0	0
ALCOHOL:	1	2	2	0

