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Released 1994

**Prepared for the U.S. Department of Energy
under Contract DE-AC06-76RLO 1830**

**Pacific Northwest Laboratory
Operated for the U.S. Department of Energy
by Battelle Memorial Institute**

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DOCUMENT IDENTIFICATION NO.

PNL-D-375

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BattellePacific Northwest Laboratory
Richland, Washington 99352

COPY AND SERIES

DATE

October 5, 1984

TITLE AND AUTHOR

Operations Security Assessment of the Department of
Energy's Richland Operations Office, Final Report
(SAS-4394-HQ)

B. J. Merrill

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Telex 15-2874

October 5, 1984

Mr. Kenneth H. Jackson, Director
Safeguards and Security Division
Richland Operations Office
Department of Energy
Richland, WA. 99352

Dear Mr. Jackson:

OPERATIONS SECURITY ASSESSMENT OF THE DEPARTMENT OF ENERGY'S RICHLAND
OPERATIONS OFFICE, FINAL REPORT (SAS-4394-HQ)

Ref: Your letter dated September 19, 1984, to Contractors, Richland,
Washington, same subject as above.

The attached information is provided in response to the subject letter.
While the response addresses all vulnerability areas, it should be
recognized that further analysis is required in many areas to fully
address all corrective actions. The results of the additional studies
will be forwarded to your office as completed.

Please feel free to contact me if you require additional information
on this subject.

Very truly yours,

B. J. Merrill, Acting Manager
Safeguards and Security
Department

BJM:sc

Attachments

cc: H. E. Ransom, DOE-RL
(Without Attachments)

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By Authority of CG-85-2

CA Bauman, 7-12-94

By Jerri Mary, 11-23-94

Verified By SP-103, 12-20-94

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B. J. Merrill

October 5, 1984

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[REDACTED]

Contractor: PNL

<u>Vulnerability (VA Reference)</u>	<u>Corrective Action Description</u>	<u>Cost Impact</u>	<u>Target Date*</u>	<u>Remarks</u>
4.9.3 High Technology	1. Increased Security Awareness for Contract personnel.	Minimal	On-going	Program part of over-all Security Awareness program at PNL.
	2. Provide support to RL OPSEC working group.	Undefined	Undefined	Cost dependent upon extent of involvement. Clarification required.
5.2.2 Vendor/Visitor Access Control	1. Change temporary/visitor badge format (lamine)	\$6K Annual	Mar. 1985	
	2. Consolidation of Site Badging	Undefined	Undefined	Further study required to determine programmatic impact.
5.3.1.2 Communications	1. Incorporate COMSEC into Security Education program.	Minimal	Dec. 1984	Will be initiated with over-all Security Education upgrade.
	2. Provide TSCM Services for telephones.	\$310K**	In place	TSCM program staff increased .5. FTE in FY-1985.** Cost is for overall TSCM program. No increase.
5.3.2.2 VHF/UHF Radio Nets	1. Initiate training for radio users.	Undefined	Undefined	Further evaluation required.
5.3.3.2 Communication Discipline	1. Education of radio users.	Minimal	Dec. 1984	Incorporate in with Security Education Program.
5.3.4.2 Facsimile	1. Periodic review of Facsimile traffic.	Undefined	Undefined	Guidelines need to be established regarding who shall review and at what frequency. Costs will be determined by guidelines.

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* This date is a target date for implementation or completion and may require other studies including engineering and/or budgetary. If no date can be estimated at this time, expand in the remarks column.

Contractor: PNL

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<u>Vulnerability (VA Reference)</u>	<u>Corrective Action Description</u>	<u>Cost Impact</u>	<u>Target Date*</u>	<u>Remarks</u>
5.4.2 Environmental Reporting	1. Review analysis procedures with U.S. Testing for purpose of requiring cleared personnel to do selective testing.	Undefined	Jan. 1985	
5.6.2 FOIA Computerized File	1. Provide PNL input to RL on FOIA request.	Minimal	As requested	
5.7.2 Travel Authoriza- tion and Docu- mentation.	1. Review procedures for completing and storing travel records.	Minimal**	Jan. 1985	**Cost impact could change as a result of review.
5.8.2 Foreign Travel	1. Incorporate HOIS threat in Security Awareness Program.	Minimal	Dec. 1984	
5.9.2 Security Aware- ness	1. Establish Security Awareness program encompassing all items identified in this report as well as DOE require- ments.	\$60K	Dec. 1984	Need for 1 FTE established.
5.10.2 TSCM	1. Procure new TSCM receiver and van.	\$80K	Undefined	Costs identified to RL SAS in May, 1984.
	2. Provide dedicated clerical help.	\$50K	Oct. 1984	Complete.
	3. Augment TSCM technical staff.	\$40K	Oct. 1984	.5 FTE added. 1.5 FTE additional would upgrade program. Cost approximately \$130K.
	4. Conduct additional TSCM threat briefings.	Minimal	Oct. 1984	Program developed. Availability dependent upon TSCM survey schedule.

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Contractor: PNL

<u>Vulnerability (VA Reference)</u>	<u>Corrective Action Description</u>	<u>Cost Impact</u>	<u>Target Date*</u>	<u>Remarks</u>
5.11.2 Administrative Paper Waste	1. Study impact of alternate waste disposal.	Minimal	Jan. 1985	
5.12.2 Budgets	1. Study alternative solutions for handling and controlling sensitive budgetary data.	Minimal	Jan. 1985	
5.14.2 Safety and UO Reports	1. Sensitize staff to Security matters and reduce distribution accordingly.	Minimal	Dec. 1984	Part of increased Security Awareness program.
5.15.2 Employee Relations	1. Increased Security Awareness.	Minimal	Dec. 1984	Incorporate into Security Awareness program.
5.16.2 Public Information	1. Increased Security Awareness	Minimal	Dec. 1984	Incorporate into Security Awareness program.
	2. Review procedures for public release of information.	Minimal	Jan. 1985	

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