

# NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20555

JUL 2 3 1984

Ms. Debra I. Stewart Battelle Columbus Laboratories 505 King Avenue Columbus, OH 43201

IN RESPONSE REFER TO FOIA-84-479

Dear Ms. Stewart:

This is in partial response to your letter dated June 5, 1984, in which you requested, pursuant to the Freedom of Information Act, a copy of the guidelines, procedures, and evaluation criteria used by the NRC staff in assessing the adequacy of security at licensed nuclear facilities (e.g., power reactors, nonpower reactors, and materials licensees).

In partial response to your request, copies of the documents listed on Appendix A are enclosed.

Appendix B lists documents that have already been made available for public inspection and copying at the NRC Public Document Room (PDR), 1717 H Street, NW, Washington, DC 20555. The charge for reproducing records located in the PDR is five cents (\$0.05) per page, as specified in 10 CFR 9.14(a). Copies of these documents can be purchased by writing directly to the PDR. Upon your agreement to pay the reproduction charges, the PDR will arrange for the records to be reproduced by a private reproduction contractor servicing the PDR. You will be billed by the contractor for the reproduction charges, plus tax and postage.

Also listed on Appendix B are documents which are publicly available from the National Technical Information Service, Springfield, VA 22161, or from the U.S. Nuclear Regulatory Commission, ATTN: NRC/GPO Sales Program, Division of Technical Information and Document Control, Washington, DC 20555.

Appendix C lists a Table of Contents from the October 1983 "Inventory of Documents Providing Guidance to Power Reactor Safeguards Licensing." This list is provided for your information in locating additional documents on the subject areas of possible interest to you.

Appendix D lists five handbooks which are Department of Energy (DOE) issuances. For access to copies, contact:

Ms. Carole Gorry, Acting Chief FOI & Privacy Acts Branch Department of Energy Forrestal Building 1000 Independence Avenue, SW Washington, DC 20585

Our search for documents subject to your request is continuing, and we will communicate with you again when our search efforts are completed.

Sincerely,

J. M. Felton, Director Division of Rules and Records

Office of Administration

John Philips for

Enclosures: As stated

# APPENDIX A

1.	Various Dates	"Licensee Safeguards Guidance Group Bulletins," #1 through #37 (44 pages)
2.	6/16/82	Memo to Leroy Norderhaud, Region V, from G. W. McCorkle, NMSS Subject: "San Onofre #2 Security Program" (5 pages)
3.	3/4/83	"Acceptance Criteria for the Review of Category III Physical Protection Plans" (11 pages)
4.	9/83	"Standard Review Plans Providing Guidance for Fuel Facility Safeguards Licensing Branch" (172 pages)
5.	11/83	"Physical Protection Requirements for Special Nuclear Material of Moderate Strategic Significance" (28 pages)
6.	2/14/84	Note to Dan Kasun and Liz Ten Eyck, NMSS, from Tom Allen, NMSS Subject: "Guidance on Recordkeeping and Periodic Terms" (7 pages)
7.	2/23/84	Memo to Kenneth P. Barr, Region II, from G. W. McCorkle, NMSS, Subject: "Search Requirements" (3 pages)
8.	4/30/84	Memo to Kenneth P. Barr, Region II, from G. W. McCorkle, NMSS, Subject: "Relaxation of Access Controls During (3 pages)
9.	Undated	"Guidance Questions for Category II Licensees" (11 pages)

1 4

#### APPENDIX B

#### DOCUMENTS ALREADY IN THE PDR

- NUREG-0992, May 1983, "Report of the Committee to Review Safeguards Requirements at Power Reactors".
- NUREG-0669, Volumes I, II & III, June 1980, "Fixed Site Physical Protection Upgrade Rule Guidance Compendium".
- 3) NUREG-1045, January 1984, "Guidance on the Application of Compensatory Safeguards Measures for Power Reactor Licenses".

The following documents are publicly available through the GPO Sales Program and/or the National Technical Information Service:

Reg. Guide 5.7 Entry/Exit Control for Protected Areas, Vital Areas, and Material Access Areas

Reg. Guide 5.27 Special Nuclear Material Doorway Monitors

Reg. Guide 5.43 Plant Security Force Duties

Reg. Guide 5.44 Perimeter Intrusion Alarm System

Reg. Guide 5.52 Standard Format and Content of a Licensee Physical Protection Plan for Strategic Special Nuclear Material at Fixed Sites (Other than Nuclear Power Plants)

Reg. Guide 5.55 Standard Format and Content of Safeguards Contingency Plans for Fuel Cycle Facilities

Reg. Guide 5.59 Standard Format and Content for a Licensee Physical Security
Plan for the Protection of Special Nuclear Material of Moderate
or Low Strategic Significance

Reg. Guide 5.61 Intent and Scope of the Physical Protection Upgrade Rule Requirements for Fixed Sites

Reg. Guide 5.52 Reporting of Physical Security Events

NUREG-0230 Interior Intrusion Alarm Systems

## APPENDIX B

NUREG/CR-0484	Vehicle Access and Control Planning Document*
NUREG/CR-0485	Vehicle Access and Search Training Manual*
NUREG/CR-0509	Emergency Power Supplies for Physical Security Systems*
NUREG/CR-0510	Duress Alarms for Nuclear Fixed-Site Facilities*
NUREG/CR-0532	Safeguards Against Insider Collusion Science
NUREG/CR-0543	Central Alarm Station and Secondary Alarm Station Planning Document*
NUREG/CR-0598	In-Site Inspection Procedures for SNM Doorway Monitors
NUREG-0674	Security Personnel Training and Qualification Criteria
NUREG-0669 Vol. I, II & III	Fixed Site Physical Protection Upgrade Guidance Compendium
NUREG-0703	Potential Threat to Licensed Nuclear Activities from Insiders (Insider Study)
NUREG-0721	Acceptance Criteria for the Physical Protection Upgrade : Rule Requirement for Fixed Sites
NUREG-0794 '	Protection of Unclassified Safeguards Information
NUREG/CR-1327	Security Lighting-Planning Document for Nuclear Fixed Site Facilities
NUREG/CR-1758	Safeguards for High-Level Waste Repositories
NUREG/CR-2492	Special Nuclear Material Self-Protection Criteria Investigation Phrases I & II

<sup>\*</sup>Also found in NUREG-0569

### Appendix C

Table of Contents from October 1983 "Inventory of Documents Providing Guidance to Power Reactor Safeguards Licensing."

#### CONTENTS

			Page
Abst	ract .		iii
1.	Intro	oduction	1
	Jac i	er end dien 2 august 1900 in der eine d	
2.	Rules	s and Regulations	3
	2.1	10 CFR Part 2, Subpart A - Procedures for Issuance,	
		Amendment, Transfer, or Renewal of a License	
		(Dec., 1982)	3
	2.2	10 CFR Part 2, Subpart 8 - Procedures for Imposing	
		Requirements by Order or for Modification, Suspension	
		or Revocation of a License, or for Imposing Civil	
		Penalties (Nov., 1980)	4
	2.3		
		Domestic Licensing Procedures - Availability of	
		Official Records (Oct, 1981)	5
	2.4		
		Personnel (March, 1982)	6
	2.5	10 CFR Part 50, § 50.12 - Requirements of License -	
		Specific Exemptions (March, 1975)	7
	2.5	10 CFR Part 50, § 50.13 - Attacks and Destructive Acts	
		by Enemies of the United States; and Defense Activities	
		(Sept., 1967)	8
	2.7	10 CFR Part 50, § 50.34 - Contents of Applications;	1
		Technical Information (Sept., 1971)	9
	2.8	10 CFR Part 50, § 50.54(p) - Conditions of Licenses -	
		Contingency Plans (Feb., 1967)	10
	2.9	70 C C C C C C C C C C C C C C C C C C C	
		License (April, 1983)	11
	2.10	10 CFR Part 50, § 50.70 - Inspections (Aug., 1979)	12
	2.11	10 CFR Part 50, §§ 50.90, 50.91 - Application for	
		Amendment to a License or Construction Permit	
		(April, 1974)	13
	2.12	10 CFR Part 73, Physical Protection of Plants and	
		Material - Miscellaneous Safeguards Related Amendments	
		(proposed)	14
	2.13	10 CFR Part 73, § 73.1 - Physical Protection of Plants and	
	- a rate	Material - Purpose and Scope (Dec., 1982)	15
	2.14	10 CFR Part 73, § 73.2 - Physical Protection of Plants	
		and Material - Definitions (Oct., 1981)	16
	2.15	10 CFR Part 73, § 73.6 - Exemptions for Certain Quantities	
		and Kinds of Special Nuclear Material (Nov., 1979)	17
	2.15	10 CFR Part 73, § 73.21 - Requirements for the Protection	
		of Safeguards Information (Oct., 1981)	18
	2.17	10 CFR Part 73, § 73.55 - Requirements for Physical	
		Protection of Licensed Activities in Nuclear Power	
		Reactors Against Radiological Sabotage	
		(Dec., 1980)	19
	2.18	10 CFR Part 73, § 73.55 - Search Requirements Rule	
		(proposed)	21
	2.19	10 CFR Part 73, § 73.56 - Access Authorization Rule	
		(proposed)	22

# APPENDIX C

			Pace
	2 20	10 CFR Part 73, § 73.70 - Records	23
	2.21	10 CFR Part 73, § 73.71 - Reporting of Safeguards Events (March, 1982)	
	2.22	10 CFR Part 73, Appendix 8 - General Criteria for	24
	2. 23	Security Personnel (Jan., 1981)	25
		Contingency Plans (April, 1978)	25
	2.25	Data, (March, 1982)	27 23
3.	Requ	latory Guides	20
	3.1	R.G. 5.7 - Entry/Exit Control for Protected Areas	29
	3.2	Control of Facilities and Special Nuclear Material	29
	3.3	(Nov., 1973)	30
		R.G. 5.54 - Standard Format and Content of Safeguards Contingency Plans for Nuclear Power Plants	31
<	3.5	R.G. 5.52 - Reporting of Physical Security Events	32
	3.6	R.G. S.XX - Standard Format and Content Guide for	33
1		the Nuclear Reactor Access Authorization Rule (to be published)	34
	3.7	to Section 73.55 of 10 CFR Part 73 (to be	
		published)	35
4.	Revi	ew Guidelines	
		Guideline 1 - Screening of Individuals Granted Unescorted Access to the Protected Area	
		(Nov., 1977)	37
	4.3	Vehicles (Dec., 1977)	38
		Devices (Feb., 1978)	. 39
	4.4	(Dec., 1977)	40
	4.5	Guideline 5 - Licensee Designated Vehicles	
	4.6	Guideline 6 - Need for Access to Vital Areas	41
	4.7	The state of the s	42
	4.8	Through Key Control (Feb., 1983)	43
		Armed Responders (Dec., 1977)	44
	4.9	Guideline 9 - Acceptable Compensatory Measures for	44
		Intrusion Detection Hardware Outage, (e.g. Zone, System) Protected Area, Vital Areas (Nec 1980)	45

# APPENDIX C

			Page
	4.10	Guideline 10 - Compensatory Measures for the Loss of Normal Power Supply to Security Lighting	
	4.11	(Jan., 1978)	46
	4.12	Definition (Jan., 1978)	47
		(Jan., 1978)	48
	7.25	Guideline 13 - Compensatory Measures for Vital Areas Lacking the Two Barrier Protection (Jan., 1978)	49
	4.14	Guideline 14 - Locking Systems - Assurance of Safety	
	4 15	and Safeguards During an Emergency (Jan., 1978)	50
	4.16	Guideline 15 - Package Search (Feb., 1978)	51
		Using the Equivalent Information Concept	
	4.17	(Feb., 1978)	52
		(Jan., 1978)	53
	4.18	duideline 18 - Protected Area Control Function in	
	4 10	Bullet-Resisting Structures (Jan., 1978)	54
	4.19	Guideline 19 - Manpower Sharing for Operating	
	4.20	Reactors (April, 1978)	55
		(April, 1978)	- 56
	4.21	Guideline 21 - I.D. Badge - Vital Area Encoding	30
* 1		(May, 1978)	. 57
	4.22	Guideline 22 - Unresolved Issues (May, 1978)	58
200	4.23	Guideline 23 - Protection of Nuclear Power Plants	
		Against Industrial Sabotage by the Insider (Nov., 1978)	59
3	4.24	Guideline 24 - Acceptance Criteria for Nuclear	. 39
*		Power Plant Safeguards Contingency Plans	44.4
		(May, 1979)	60
5.	NURE	Reports	61
	5.1	MUREU-01/8, basic considerations for Assembling a	
	2.0	Closed-Circuit Television System (May, 1977)	61
	5.2	and the state of t	
	5.3	(Feb., 1978) NUREG/CR-0484, Vehicle Access and Control Planning	62
		Document (Oct., 1979)	63
	5.4	NUREG/CR-0485, Vehicle Access and Search Training	
	5.5	Manual (Oct., 1979) NUREG/CR-0508, Security Communications Systems for	64
	3.3	Nuclear Fixed-Site Facilities (July, 1980)	65
	5.6	NUREG/CR-0509, Emergency Power Supplies for Physical	03
		Security Systems (Nov., 1979)	66
	5.7	NUREG/CR-0510, Duress Alarms for Nuclear Fixed-	
	5.8	Site Facilities (Sept., 1979)	6,7
		Qualification Criteria (May, 1980)	68
	5.9	NUKEG-U/94, Protection of Unclassified Safeguards	
		Information (Oct., 1981)	69

## APPENDIX C

			Page
	5.10	NUREG-0800, Standard Review Plan, Chapter 13.6, Physical Security Rev. 2 (July, 1981)	70
	5.11	NUREG-0907, Acceptance Criteria for Determining Armed Response Force Size at Power	70
	5. 12	Reactors (Feb., 1983)	71
		of Nuclear Power Reactor Security Plans (Aug., 1982) NUREG-0992, Report of the Committee to Review	72
		Safeguards Requirements at Power Reactors (May, 1983)	
	5.14	NUREG/CR-1142, Remote Response Mechanisms (April, 1980)	73
	5.15	NUREG/CR-1327, Security Lighting Planning Document for Nuclear Fixed-Site Facilities	74
	5.15	NUREG/CR-1378, Hardening Existing Strategic Special	75
		Nuclear Material Storage Facilities (June, 1980) NUREG/CR-1467, CAS-SAS Operational Work Station	76
		Oesign and Procedures (Nov., 1980) NUREG/CR-1468, Design Concepts for Independent Central Alarm Station and Secondary Alarm Station	77
		Intrusion Detection Systems (Nov., 1980)	78
S.	Misc	allaneous Documents	79
		ANS 3.3, American National Standard - Security for Nuclear Power Plants (March, 1982 DRAFT)	79
		ANSI N18.17, American National Standard Insittute - Industrial Security for Nuclear Power Plants (July, 1973)	
	6.3	Commission Paper, NRC Frogram for the Management of Plant-Specific Backfitting of Operating Power Reactors	80
	5.4	(July, 1983 ORAFT)	81
		ficant Hazards Consideration; Noticing, and State	
	6.5	Internal Staff Document, Documentation for Regional-	82
	5.5	ization of Safeguards Functions NRC Manual Chapter 0516 and Appendix, Systematic Assess-	. 83
	6.7	ment of Licensee Performance (March 1982) SAND76-0554, Intrusion Detection System Handbook (July, 1981)	84
	5.8	SAND77-0777, Barrier Technology Handbook (1981)	85 86
		SAND77-1033 Entry Controls System Handbook (Oct., 1978)	87
	6.10	SAND78-0400, Security Seal Handbook (Dec., 1978) SAND78-1785, Safeguards Controls and Communications	88
		Handbook (May, 1979)	89
		on Personnel Search Requirements (Sept., 1977)	90

	APPENDIX C	Page
6.13	Statement of Consideration, 10 CFR Part 73, § 73.55, Requirements for the Physical Protection of Nuclear	
6.14	Power Reactors (Feb., 1977)	91
	48 FR 12619, Policy Statement on Regionalization	92
	(March, 1983)	93

#### APPENDIX D

The following should be referred to DOE for copies and determinations:

- SAND 76-0554, Intrusion Detection System Handbook, Sandia Laboratories, July 1981
- 2. SAND 77-0777, Barrier Technology Handbook, Sandia Laboratories, April 1978
- 3. SAND 77-1033, Entry-Control Systems Handbook, Sandia Laboratories, September 1980
- 4. SAND 78-0400, Security Seal Handbook, Sandia Laboratories, December 1978
- SAND 78-1785, Safeguards Controls and Communications Handbook, Sandia Laboratories, May 1979