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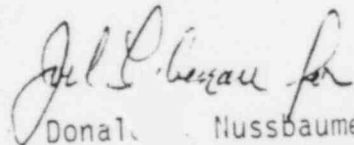
AUG 8 1984

ALL AGREEMENT STATES

REVISION OF NRC MATERIALS INSPECTION CATEGORIES AND PRIORITIES

Effective July 20, 1984, NRC revised its inspection program for materials licensees. A copy is enclosed. It replaces the January 1, 1983 version.

Significant changes are outlined on the cover sheet. Please also note that IE and NMSS will now use a common program code system for categorizing materials licensees. We would like to encourage your adoption of the category titles to the extent possible.



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Enclosure:  
As stated

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
OFFICE OF INSPECTION AND ENFORCEMENT  
Washington, D.C. 20555

# IE OFFICE PROCEDURE MANUAL

DQASIP

CHANGE NOTICE 84-24

## SUPERSEDED

Number:

MC 2800

Date:

10/1/83

## TRANSMITTED

Number

MC 2800

Date:

07/20/84

DISTRIBUTION: Standard and all regional based Agreement State representatives

## Remarks

The following significant changes have been made in MC 2800.

1. Section 2800-05 permits extensions of inspection intervals for licensees that evidence good performance.
2. Section 2800-06 provides for more frequent inspections of licensees that have shown a minimal satisfactory performance.
3. Section 2800-07 provides guidance for inspections of licensees with two or more categories in the interest of efficient use of travel time.
4. Section 2800-07.03 provides for inspection "windows" for cost saving and efficient use of time.

Program codes are included to be consistent with other offices. These are listed with priorities and categories in the new Section 2800-10 and new Table 3.

Other changes include:

1. All teletherapy are now Priority 3.
2. All limited use medical and private practice are now included in non-group and are Priority 5.
3. Portable gauges and plutonium neutron sources >200 grams are now Priority 5.

The above are not all inclusive; MC 2800 should be carefully studied to determine other changes.



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# IE OFFICE PROCEDURE MANUAL

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## CHAPTER 2800

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### MATERIALS INSPECTION PROGRAM

#### 2800-01 PURPOSE

This chapter establishes the inspection program for licensees authorized to possess and use licensed material for radiography, medical programs, academic and industrial uses, waste disposal operations, manufacturing and distribution of products, and leak testing, calibration, other types of services, and transportation related thereto.

#### 2800-02 OBJECTIVES

- 02.01 To establish general policy for the materials inspection programs, including priorities for inspection.
- 02.02 To define specific requirements for inspection of materials licenses.
- 02.03 To aid in the achievement of a consistent process of inspection for materials licensees.

#### 2800-03 INSPECTION PRIORITIES

- 03.01 Initial Inspections. These shall be conducted of licenses in Inspection Priorities 1 through 5 within 6 months after material is received and operations under the license have begun. Initial inspections of licenses in Priorities 6 and 7 shall be conducted within 1 year.
- 03.02 Routine, Periodic Inspections. Inspections of licenses in Priorities 1 through 5 shall be conducted at intervals in years corresponding to their inspection priority: Priority 1 = each year; Priority 2 = each 2 years; Priority 3 = each 3 years; Priority 4 = each 4 years; Priority 5 = each 5 years. Licenses in Priorities 6 and 7 are inspected initially (03.01, above) and thereafter only for resolution of complaints, allegations, or incidents, or in connection with an inspection of another specific license.
- 03.03 Initial Assignment of Priority. When a new license is initially received in the regional office it shall be assigned an initial

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inspection priority and scheduled for an initial inspection; these actions should be taken as soon as possible after receipt of the license in the regional office. The initial inspection priority is assigned by comparing the types, quantities, and forms of material and authorized uses with the category descriptions of the priority system in Table 1. If a license involves more than one type of use, the type associated with the highest priority (most frequent inspection) shall establish the initial inspection priority.

- 03.04 Expired and Terminated Licenses. Prompt action shall be taken upon notification that a license has expired or is being processed for termination to ensure that licensed material has been properly disposed of and areas, wherein material was used, can be safely released to unrestricted use. Final action, including inspection and confirmatory survey, if necessary, should be conducted as soon as possible, but no later than 6 months after the notification is received.

#### 2800-04 CHANGE IN PRIORITY BASED ON CHANGE IN CATEGORY

A change to a lower or higher inspection priority shall be made when it is determined that the licensed activity being carried out is of a category different from that initially assigned and is one which warrants a lower or higher inspection priority under the system in Table 1. The program category and priority codes shall be changed in the computerized materials master file.

#### 2800-05 EXTENSION OF INSPECTION INTERVAL

The interval between inspections may be extended (lengthened) beyond that specified by the priority system on the basis of satisfactory performance on the part of the licensee. The governing consideration in extending the inspection interval should be evidence of a level of performance in safety and compliance on the part of the licensee that provides reasonable assurance of a well-managed, safe operation. The determination to extend the inspection interval shall be made on the basis of an inspection, considering both current and prior findings. The extension shall be valid only until the next inspection, but may be renewed on the basis of repeated favorable findings. The extension shall be limited to a maximum of 6 months for licensees in Priorities 1 and 2, and to a maximum of 2 years for licensees in lower priorities. The designated inspection priority for these licensees shall not be changed in the computerized materials master file, but they should be identified by a special code annotation in the file or on a separately maintained listing. For computer entry for licensees on an extended inspection schedule, the letter E shall be used and removed whenever the extension is stopped.

#### 2800-06 REDUCTION OF INSPECTION INTERVAL

The interval between inspections may be reduced (shortened) and inspections

conducted more frequently than specified by the priority system on the basis of minimally satisfactory performance on the part of the licensee. The governing consideration in reducing the inspection interval should be a lack of confidence in the level of performance in safety and compliance performance on the part of the licensee that indicate continuing adequate protection of worker and public safety will not be provided without increased attention by the licensee and the NRC. The determination to reduce the inspection interval shall be made on the basis of an inspection, considering both current and prior findings. The licensee should not be held in the special inspection category for more than 1 year and no more than two inspections should be performed during that time. The designated inspection priority for these licensees shall not be changed in the computerized materials master file, but they should be identified by a special code annotation in the file or on a separately maintained listing. For computer entry, for licensees on a reduced inspection schedule, the letter R shall be used for as long as a licensee is on the reduced inspection schedule.

## 2800-07 SCHEDULING OF INSPECTIONS

- 07.01 Basis for Scheduling. The month in which an inspection is actually performed shall be the basis for scheduling the next inspection. Within reasonable time frames, an inspection of a licensee may be completed earlier or later than scheduled (by its placement in the priority system) for the purpose of the efficiency realized in inspector travel time. The efficiencies of travel time should be balanced against the basic purpose of the inspection priorities, that is, effective use of manpower based on potential hazards in a licensee operation. A low-priority licensee should not be over-inspected just because an NRC inspector is in the area of the facility. Inspection of a high-priority licensee should not be unduly delayed merely for scheduling purposes.
- 07.02 Combining Inspections. If a licensee holds more than one kind of license (that is, of different priorities), a single inspection may be scheduled whenever practicable to aid in more effective use of inspector's time spent in travel status. In the determination to combine inspections on a continuing basis, consideration should be given to two factors: (a) "overinspecting" a lower priority license, versus (b) the need and desirability of inspecting a licensee's total activities for a more complete picture of his safety and compliance performance. The priority designations of the lower priority licenses shall not be changed in these cases; the more frequent inspections of lower priority licenses shall be handled only in the scheduling process.
- 07.03 Permissible Frequency of Inspection. To achieve the goals of R cos, saving and efficient use of staff time as described in R 07.01 and 07.02, inspections may be performed at a frequency R different than that defined by the priority system. However, R the frequency of inspection for a licensee should not fall out- R side these control points:

| <u>Type of Inspection</u>                      | <u>Permissible Frequency</u>  | R           |
|--|---|-------------|
| Initial inspections of new licensees.          | No minimum interval.<br>Maximum interval should not exceed 25% of standard. | R<br>R<br>R |
| Inspection of licensees in priorities 1, 2, 3. | Interval between inspections may vary by $\pm 25\%$ .                       | R<br>R<br>R |
| Inspection of licensees in Priority 5.         | Interval between inspections may vary by $\pm 1$ year.                      | R<br>R      |

## 2800-08 REGIONAL RESPONSIBILITY FOR LICENSES

- 08.01 General. When a license authorizes operations in more than one region, the responsibility for inspection shall reside with the regional office in which the licensee's main office is located, main office meaning corporate office, normally the address given on the license.
- 08.02 Assistance in Inspections. In the interest of efficiencies in travel time and funds, the responsible regional office should request another regional office to conduct inspections (assist inspections) of the activities of such licensees when the licensee is operating outside the geographical area of the responsible region. The inspecting region should provide complete documentation (draft or final inspection report) and recommend enforcement action to the responsible region. The responsible region should distribute the documentation, initiate enforcement action, and take other followup actions, as appropriate to the case. These last two actions shall be completed by mutual agreement of the regional offices involved.
- 08.03 Transfer of Responsibility. Notwithstanding the above (08.01 and 08.02), when a license carries an address that places the inspection responsibility in one region and operations under the license occur principally within another region, the inspection responsibility may be transferred to the region in which the operations are performed. This transfer shall be done with mutual agreement of the regional offices involved. The regional offices should ensure that the appropriate changes are made to the computerized materials master file by informing the Offices of NMSS and IE of the change in responsibility for the license and requesting change of the file.
- 08.04 Multisite-Multiregional Broad Licenses. For multisite broad licenses the home region shall do the following:
- Request at least two assist inspections annually in each of the remaining regions where the licensee has facilities (or permittees). Each year following, the home region shall



request assist inspections of facilities different than those inspected previously, except that assist inspections may be requested of facilities inspected previously to followup on significant violations. The home region shall choose those facilities to be inspected that have a greater problem potential for the health and safety of the public and workers. Less emphasis should be given to facilities where the licensed activity has less health and safety problem potential.

- b. Accompany the licensee's inspector(s) at least once annually to a facility other than the primary facility or, if not nearby, may request another region in which the licensed activity exists, to accompany the licensee inspector to determine whether the licensee inspector is inspecting the facility with respect to regulatory requirements.
- c. Request each inspector performing assist inspections to collect and summarize inspection findings and forward them to the home region to followup.
- d. Make an inspection annually at the licensee's primary facility, including performing a management inspection and exit interview. The content of the inspection shall include the findings of assist inspections done by other regions as well as inspections done by the home region.
- e. On an annual basis maintain an up-to-date list of all facilities (or permittees) within the home region and outside the home region.
- f. Receive and evaluate required reports from the isotopes (or safety) committee at the licensee's primary facility and from other regions.
- g. Write the final inspection report annually to include findings of all the involved regions. Include the corrective actions that the licensee has taken or plans to take regarding negative NRC inspection findings as a result of notices of violation.

#### 2800-09 INSPECTION OF GENERAL LICENSEES

- 09.01 Routine Inspection Not Required. With the exceptions specified in 09.02 inspections of general licensees are not required on a routine basis. However, inspections shall be made, to resolve allegations, complaints, or other indications of an unsafe practice or a case of noncompliance, or when such an inspection is directly pertinent to an inspection involving a specific license.

09.02 Inspection of Activities Under Reciprocity. The NRC region in which an agreement state is located is the recipient of the Form NRC-241 report from a state licensee of its proposed activities in nonagreement states. The regional office receiving the Form NRC-241 shall take action on the report, including prompt notification of the NRC regional office having jurisdiction in the area in which the agreement state licensee's activities take place. The responsible regional office shall make every reasonable effort to conduct at least one inspection each year of each agreement state licensee who conducts such activities of a type equivalent to a Priority 1 NRC license. Site inspections of agreement state licensees who conduct activities equivalent to lower priority NRC licenses may be conducted if the regional office believes the inspection is necessary.

Regional offices shall maintain records to show the regional workload of NRC-241 activities. The records should include information to identify the NRC-241 reports received, describe the reciprocity activities conducted within the region, and indicate those that were inspected by the regional office. A log-sheet type record should be adequate for these purposes.

09.03 Special Inspections. Special inspections of general licensees may be required on occasion to support studies of a particular type or category of license. For example, a particular type of general license may be inspected to ascertain whether pertinent regulatory requirements are effective or are generally being complied with. The requirements and procedures for these inspection studies will be published as they are needed.

## 2800-10 PROGRAM CODES

10.01 Computer Input Data. Table 3 provides a list of program codes that are intended to replace licensee categories. Listed are the program codes used by NMSS and the associated categories and inspection priorities. Input into the LMS system shall include the program codes, categories, and priorities. Secondary codes also shall be inputted into the data processing system along with the primary codes. The categories will not be eliminated because of possible confusion in associating a program code with a licensed activity. The categories will be used for internal purposes by the regions and IE. The primary entry will be the program codes in the interest of uniformity among the various offices at headquarters.

END



TABLE 1  
 LICENSE CATEGORIES AND INSPECTION PRIORITIES

| Category | Title and Description  | Inspection Priority |
|----------|--|---------------------|
| A        | SPECIAL NUCLEAR MATERIAL. The application, use, processing, or possession of SNM in unsealed form and quantities less than a critical mass.  | 2                   |
| B        | MANUFACTURING AND DISTRIBUTION. The application, use, or possession of byproduct, source, or SNM involving curie quantities in unsealed form; large-scale operations involving the fabrication, manufacture distribution of sources; the manufacture of compounds for distribution to other specific or general licenses. The operations in this category-priority generally require special remote handling equipment, air handling systems, liquid waste treatment systems, liquid waste treatment or retention systems, or environmental monitoring programs.   | 1                   |
| B1       | SPECIAL BROAD LICENSE. A broad license that authorizes the licensee to conduct its activities at facilities (sometimes known as permittees) located in other regions and that does not limit activities to one inspection category. The region in which the licensee's headquarters or main office is located shall be referred to as the <u>home region</u> , and the main facility that is in the <u>same location</u> as the region shall be referred to as the <u>primary facility</u> .<br><br>RADIOGRAPHY. The use of licensed material in the non-destructive examination of the structure of material. There are two categories: | 1                   |
| C        | Operations in a fixed location, such as a permanent shielded facility on the licensee's premises.  | 1                   |
| C1       | Operations at temporary job sites.   | 1                   |
|          | WASTE DISPOSAL. Activities involving the disposal of radioactive waste as a commercial service. There are two category groups:   |                     |

| Category | Title and Description  | Inspection<br>Priority |   |
|----------|--|------------------------|---|
| D        | Disposal by burial in the ground; disposal by incineration; operations involving processing and/or repackaging of waste.   | 1                      |   |
| D1       | Operations involving the gathering, storing, and transfer to others of prepackaged waste only.   | 2                      |   |
|          | INDUSTRIAL. The use of byproduct, source or SNM in industrial applications. There are seven categories:  |                        |   |
| E        | Research and development; general license distribution; exempt distribution except 10 CFR 32.11; testing and laboratory experiments; well logging using sealed sources or tracers; manufacturing or assembling of products, including the distribution of products resulting from such activities; medical product distribution of small quantities (<10 millicuries per container); medical product distribution only (no manufacturing); instrument calibration using >100 curies and leak testing services; self-contained irradiators or pool-type irradiators where sources remain shielded or under water; the operation of nuclear laundries; preparation or processing of raw ores or sands containing source material (excluded are licenses for solution mining or leaching operations that are covered in MC 2600). | 3                      | R |
|          |  | 5                      | R |
| E1       | Portable gauges such as moisture/density gauges; sealed plutonium neutron sources greater than 200 grams.  | 5                      | R |
| E1A      | Type A broad license.  | 3                      | R |
| E1B      | Type B broad license.  | 3                      | R |
| E1C      | Type C broad license.  | 5                      | R |
| E2       | Industrial licenses which would otherwise be in Category E but the results of an inspection and evaluation of quantities and forms of material and particular uses gives reasonable assurance that:  | 6                      |   |
|          | a. Individuals are not likely to receive radiation doses in excess of 50 percent of limits in 10 CFR 20.101(a).  |                        | R |
|          | b. A bioassay program is not required.   |                        |   |

| Category | Title and Description   | Inspection<br>Priority |
|----------|---|------------------------|
|          | c. Concentrations of airborne radioactive material in restricted areas or concentrations of radioactive material in liquid or gaseous effluents are not likely to exceed the values of 10 CFR 20, Appendix B.     |                        |
|          | d. Contamination surveys, other than leak tests are not necessary under normal operations.  |                        |
|          | e. Measuring systems; analytical instruments.   | R                      |
|          | f. Exempt distribution - 32.11.   |                        |
|          | g. Sealed plutonium neutron sources less than 200 grams.  | R<br>R                 |
| E3       | Large, walk-in-type irradiators, used for batch or assembly line irradiation of products, and requiring control devices as stipulated in 10 CFR 20.203(c)(6).   | 1                      |
|          | ACADEMIC. The application, use, or possession of byproduct, source, or SNM by an academic institution. There are four categories:   |                        |
| F        | Subcritical assemblies; sealed or encapsulated sources and foils; self-contained irradiators, and all other academic licenses not covered by broad licenses.  | 6                      |
| F1A      | Type A broad license.   | 2                      |
| F1B      | Type B broad license.   | 3                      |
| F1C      | Type C broad license.   | 5                      |
|          | MEDICAL. The use, application, or possession of byproduct, source, or SNM for administration to humans and nonhuman applications. There are four categories:  |                        |
| G        | In programs administered by the Veterans Administration; or in institutions for medical care licensed by a State, Commonwealth, or Territory; or by physicians and osteopaths; or by mobile medical van services. | 3                      |
| G1       | Institutional broad licenses; nuclear pharmacies.   | 2                      |

| Category | Title and Description   | Inspection<br>Priority |        |
|----------|---|------------------------|--------|
| G2       | Diagnostic uses only; therapeutic uses with a possession limit of 100 mCi or less of iodine-131, 25 mCi or less of phosphorous-32, 200 mCi or less of gold-198, or medical eye applicators; veterinary nonhuman and <u>in vitro</u> testing laboratories; medical and private practice nongroup.  | 5                      | R<br>R |
| G3       | Medical teletherapy.  | 3                      | R      |
| H        | ENVIRONMENTAL. Applications of material to soil, water, air, plants or insects, animal and fish life where there is an actual or potential release of the material to unrestricted areas; tracers in field-flooding studies.  | 2                      |        |
| I        | Not used - see MC 2600 for fuel cycle facilities.   |                        |        |
| J        | Not used.   |                        |        |
| K        | ALL OTHER SPECIFIC LICENSES. All other specific licenses (not covered by other categories) which authorize possession and use of byproduct or source material or SNM such as: SNM contained in fission chambers; resale of materials or storage only; gauge repair; leak test or instrument calibration services utilizing less than 100 curies; medical pacemakers; metals containing less than five percent by weight of source material; civil defense sources; fixed gauging devices such as flow gauges on pipes and level gauges. | 7                      | R      |

Table.2 INSPECTION PROCEDURES <sup>1/</sup>

| Procedure<br>Number     | Title  | Inspection<br>Frequency <sup>2/</sup> |   |
|-------------------------|--|---------------------------------------|---|
| PROGRAMMATIC PROCEDURES |  |                                       |   |
| 87100                   | Category B - Manufacturing and Distribution<br>Prelicensing  | W                                     |   |
| 87100                   | Category B - Manufacturing and Distribution<br>Postlicensing   | I, P                                  |   |
| 87100                   | Multisite Broad License B.1  | I, P                                  |   |
| 87100                   | Category C - Radiography   | I, P                                  |   |
| 87100                   | Category C.1 - Radiography   | I, P                                  |   |
| 87100                   | Category D - Waste Disposal  | I, P                                  |   |
| 87100                   | Categories A, E, F, H, K - All<br>Special Nuclear Material, Industrial,<br>Academic, Environmental, and Other<br>Specific Licenses | I, P                                  |   |
| 87100                   | Categories, G, G.1, G.2 - Medical  | I, P                                  |   |
| 87100                   | Category G.3 - Medical Teletherapy   | I, P                                  |   |
| 84850                   | Inspections of Waste Generator Requirements  | I, P <sup>3/</sup>                    |   |
| GENERIC PROCEDURES      |  |                                       |   |
| 30703                   | Management Meeting--Entrance and Exit<br>Interviews  | X                                     |   |
| 30800                   | Initial Management Meeting   | I                                     |   |
| 86740                   | Transportation Activities  | I, P <sup>3/</sup>                    | R |

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\* See footnotes at end of table.



| Procedure<br>Number | Title   | Inspection<br>Frequency |
|---------------------|---|-------------------------|
| MC 1330             | Response to Transportation Accidents<br>Involving Radioactive Materials | W                       |
| 83822               | Radiation Protection  | I, X                    |
| 83890               | Closeout Inspection and Survey  | W                       |
| 83895               | Followup on Expired Licensees   | W                       |
| 86740               | Transportation Activities   | I, X                    |
| 90712               | In-Office Review of Event Reports                                       | W                       |
| 92700               | Licensee Event Followup   | W                       |
| 92701               | Followup on Inspector-Identified Problems                               | W                       |
| 92702               | Followup on Noncompliance and Deviations                                | W                       |
| 92703               | IE Bulletin/Confirmatory Action Letter<br>Followup                      | W                       |
| 92704               | Followup on Headquarters Requests                                       | W                       |
| 92705               | Followup on Regional Requests   | W                       |
| 92706               | Independent Inspection Effort   | I, X                    |
| 92715               | Review of 10 CFR Part 21 Reports  | W                       |
| 93700               | Inspector Dispatched to Site  | W                       |
| 93710               | Followup on Significant Event Occurring<br>During an Inspection         | W                       |

1/ The procedures listed in the Table 2 comprise the inspection program for materials licensees. The list of procedures is divided into two parts, programmatic and generic. The programmatic procedures specify the inspection requirements for operational and radiological safety aspects of licensee activities; the generic procedures cover instructions and requirements applicable to all licensees.

2/ Codes for inspection frequencies:

I = initial inspection      W = when required  
P = by priority of license      X = each inspection

3/ As applicable to the activities of the licensee being inspected

R

Table 3 PROGRAM CODES

| Programs Code | Category Title  | Inspection Category | Priority |
|---------------|---|---------------------|----------|
| 01100         | Academic Type A Broad   | F1A                 | 2        |
| 01110         | Academic Type B Broad   | F1B                 | 3        |
| 01120         | Academic Type C Broad   | F1C                 | 5        |
| 01200         | Academic Other (Secondary Code)   | ---                 | --       |
| 02110         | Medical Institution Broad   | G1                  | 2        |
| 02120         | Medical Institution Other - Group   | G                   | 3        |
| 02121         | Medical Institution Other - Nongroup<br>- Includes Diagnostic-Limited<br>Therapeutic  | G2                  | 5        |
| 02200         | Medical Private Practice - Group  | G                   | 3        |
| 02201         | Medical Private Practice - Nongroup<br>- Includes Diagnostic-Limited Thera-<br>peutic | G2                  | 5        |
| 02210         | Eye Applicators Strontium-90  | G2                  | 5        |
| 02220         | Nuclear Medical Vans  | G                   | 3        |
| 02300         | Teletherapy   | G3                  | 3        |
| 02400         | Veterinary Nonhuman   | G2                  | 5        |
| 02410         | In Vitro Testing Laboratories   | G2                  | 5        |
| 02500         | Nuclear Pharmacies  | G1                  | 2        |
| 02510         | Medical Product Distribution - 32.70  | B                   | 1        |
| 02511         | Medical Product Distribution - 32.72  | B                   | 1        |
| 02512         | Medical Product Distribution - 32.73  | B                   | 1        |
| 02513         | Medical Product Distribution - 32.74  | B                   | 1        |
| 03110         | Well Logging Byproduct and/or SNM<br>Tracer and Sealed Sources                        | E                   | 3        |
| 03111         | Well Logging Byproduct and/or SNM<br>Sealed Sources Only                              | E                   | 3        |
| 03112         | Well Logging Byproduct Only-Tracers<br>Only   | E                   | 3        |
| 03113         | Field Flooding Studies  | E                   | 3        |
| 03120         | Measuring Systems Fixed Gauges  | K                   | 7        |
| 03121         | Measuring Systems Portable Gauges   | E1C                 | 5        |
| 03122         | Measuring Systems Analytical<br>Instruments   | E2                  | 6        |
| 03123         | Measuring Systems Gas Chromatographs  | K                   | 7        |
| 03124         | Measuring Systems Other   | K                   | 7        |
| 03211         | Manufacturing and Distribution Type A<br>Broad  | B                   | 1        |
| 03212         | Manufacturing and Distribution Type B<br>Broad  | E                   | 3        |

| Programs Code | Category Title  | Inspection Category | Priority |
|---------------|---|---------------------|----------|
| 03213         | Manufacturing and Distribution Type C Broad   | E1C                 | 5        |
| 03214         | Manufacturing and Distribution Other (includes small quantities <10 millicuries per container) or Medical Distribution but no Manufacturing | E                   | 3        |
| 03218         | Nuclear Laundry   | E                   | 3        |
| 03220         | Leak Test Services Only   | K                   | 7        |
| 03221         | Instrument Calibration Services Only <100 Curies  | K                   | 7        |
| 03222         | Instrument Calibration Services Only >100 Curies  | E                   | 3        |
| 03223         | Leak Test and Instrument Calibration Services <100 Curies   | K                   | 7        |
| 03224         | Leak Test and Instrument Calibration Services >100 Curies   | E                   | 3        |
| 03225         | Other Services  | K                   | 7        |
| 03232         | Waste Disposal Service Prepackaged Only   | D1                  | 2        |
| 03233         | Waste Disposal Service Incineration   | D                   | 1        |
| 03234         | Waste Disposal Service Processing and/or Repackaging  | D                   | 1        |
| 03235         | Incineration-NonCommercial (Secondary Code)   |                     |          |
| 03240         | General License Distribution -32.51   | E                   | 3        |
| 03241         | General License Distribution -32.53   | E                   | 3        |
| 03242         | General License Distribution -32.57   | E                   | 3        |
| 03243         | General License Distribution -32.61   | E                   | 3        |
| 03244         | General License Distribution -32.71   | E                   | 3        |
| 03250         | Exempt Distribution -32.11  | E2                  | 6        |
| 03251         | Exempt Distribution Time Pieces -32.14  | E                   | 3        |
| 03252         | Exempt Distribution -32.17  | E                   | 3        |
| 03253         | Exempt Distribution -32.18  | E                   | 3        |
| 03254         | Exempt Distribution -32.22  | E                   | 3        |
| 03255         | Exempt Distribution -32.26  | E                   | 3        |
| 03310         | Industrial Radiography Fixed  | C                   | 1        |
| 03320         | Industrial Radiography Temporary Job Sites  | C1                  | 1        |
| 03510         | Irradiators Self Shielded <10,000 Curies  | E                   | 3        |
| 03511         | Irradiators Other <10,000 curies  | E                   | 3        |
| 03520         | Irradiators Self Shielded >10,000 Curies  | E                   | 3        |
| 03521         | Irradiator Other >10,000 Curies   | E3                  | 1        |

| Program Code | Category Title  | Inspection Category | Priority |
|--------------|---|---------------------|----------|
| 03610        | Research and Development Type A Broad   | E1A                 | 3        |
| 03611        | Research and Development Type B Broad   | E1B                 | 3        |
| 03612        | Research and Development Type C Broad   | E1C                 | 5        |
| 03613        | Research and Development Multisite-<br>Multiregional Type A Broad (Secondary<br>Code) | B1                  | 1        |
| 03620        | Research and Development Other  | E                   | 3        |
| 03710        | Civil Defense   | K                   | 7        |
| 11200        | Source Material Other <150 Kilograms  | E                   | 3        |
| 11210        | Source Material Shielding   | E                   | 3        |
| 11220        | Source Material Military Munition Test  | K                   | 7        |
| 11230        | Source Material General License<br>Distribution - 40.34                               | E                   | 3        |
| 11300        | Source Material Other >150 Kilograms  | E                   | 3        |
| 11700        | Rare Earth Extraction and Processing  | E                   | 3        |
| 21310        | SNM Plutonium - Neutron Source<br>Greater Than 200 Grams at<br>Universities           | E1C                 | 5        |
| 21320        | SNM Plutonium - Neutron Source<br>Greater Than 200 Grams Other Than<br>Universities   | E1C                 | 5        |
| 22110        | SNM Plutonium - Unsealed, Less Than<br>Critical                                       | A                   | 2        |
| 22111        | SNM U-235 and/or U-233 Unsealed,<br>Less Than Critical                                | A                   | 2        |
| 22120        | SNM Plutonium - Neutron Source<br>Less than 200 Grams                                 | E2                  | 6        |
| 22130        | Power Sources Byproduct and/or SNM  | K                   | 7        |
| 22140        | SNM Plutonium - Sealed Sources in<br>Devices  | F                   | 6        |
| 22150        | SNM Plutonium - Sealed Sources<br>Less Than Critical                                  | F                   | 6        |
| 22151        | SNM U-235 and/or U-233 Sealed<br>Sources Less Than Critical                           | F                   | 6        |
| 22160        | Pacemaker Byproduct and/or SNM<br>Medical Institution                                 | K                   | 7        |
| 22161        | Pacemaker Byproduct and/or<br>Individual  | K                   | 7        |
| 22162        | Pacemaker Byproduct and/or<br>Manufacturing and Distribution                          | B                   | 1        |
| 22170        | SNM General License Distribution-70.39  | B                   | 1        |

| Program Code | Category Title       | Inspection Category | Priority |
|--------------|----------------------|---------------------|----------|
| 05100        | Sealed Source Review | (none)              | -        |
| 05200        | Device Review        | (none)              | -        |

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AR 5233