

medical users of licensed, radioactive materials; industrial users of licensed, radioactive materials; fuel facility operators; vendors and suppliers; power and non-power reactors and members of the public. Based on the insights gained from these additional outreach activities a need to revise the products from the February workshop could be identified. Notice of additional meetings/workshops, will be available on the NRC Public Meeting Schedule Web site at <http://www.nrc.gov/public-involve/public-meetings/index.cfm> at least ten days prior to each meeting/workshop. Additionally, any pertinent information regarding this effort will be made available at the NRC's safety culture Web site <http://www.nrc.gov/about-nrc/regulatory/enforcement/safety-culture.html>). The NRC may issue another FRN for additional stakeholder input on this initiative if the staff determines that the safety culture definition and traits it has drafted for the final Commission policy statement (due March 2011) differ substantially from the original draft policy statement and/or the products developed at the February 2-4, 2010, workshop.

#### SUPPLEMENTARY INFORMATION:

*Publicly Available Documents:* Publicly available documents related to this safety culture initiative can be accessed using the following methods: NRC's Public Document Room (PDR), where the public may examine, and have copied for a fee, publicly available documents. The address is U.S. Nuclear Regulatory Commission Public Document Room, Public File Area 0-1 F21, One White Flint North, 11555 Rockville Pike, Rockville, MD 20852; or NRC's Agency wide Documents Access and Management System (ADAMS), which can be accessed at <http://www.nrc.gov/reading-rm/adams.html>. From this site, the public can gain entry into ADAMS which provides text and image files of NRC's public documents. If you do not have access to ADAMS or if you encounter problems in accessing the documents located in ADAMS, contact the PDR Reference staff at 1-800-397-4209, or (301) 415-4737 or by e-mail to [pdr.resource@nrc.gov](mailto:pdr.resource@nrc.gov).

**FOR FURTHER INFORMATION CONTACT:** Alex Sapountzis, telephone (301) 415-7822 or by e-mail to [Alexander.Sapountzis@nrc.gov](mailto:Alexander.Sapountzis@nrc.gov); or Maria Schwartz, telephone (301) 415-1888 or by e-mail to [Maria.Schwartz@nrc.gov](mailto:Maria.Schwartz@nrc.gov). Both of these individuals can also be contacted by mail at the U.S. Nuclear Regulatory Commission, Office of Enforcement, Concerns Resolution Branch, Mail Stop

O-4 A15A, Washington, DC 20555-0001.

Dated at Rockville, Maryland, this 9th day of April 2010.

For the Nuclear Regulatory Commission.

**Roy P. Zimmerman,**  
*Director, Office of Enforcement.*

[FR Doc. 2010-8746 Filed 4-15-10; 8:45 am]

**BILLING CODE 7590-01-P**

#### NUCLEAR REGULATORY COMMISSION

[Docket Nos. 50-275-LR and 50-323-LR; ASLBP No. 10-900-01-LR-BD01]

#### Pacific Gas & Electric Company; Establishment of Atomic Safety and Licensing Board

Pursuant to delegation by the Commission dated December 29, 1972, published in the **Federal Register**, 37 FR 28,710 (1972), and the Commission's regulations, *see, e.g.*, 10 CFR 2.104, 2.105, 2.300, 2.309, 2.313, 2.318, and 2.321, notice is hereby given that an Atomic Safety and Licensing Board (Board) is being established to preside over the following proceeding:

#### Pacific Gas & Electric Company (Diablo Canyon Nuclear Power Plant, Units 1 and 2)

This proceeding involves an application by Pacific Gas & Electric Company (PG&E) for a twenty-year renewal of licenses DPR-80 and DPR-82, which authorize PG&E to operate Diablo Canyon Nuclear Power Plant, Units 1 and 2, located near San Luis Obispo, California. The current operating licenses expire on, respectively, November 2, 2024 and August 26, 2025. In response to a January 21, 2010 Notice of Opportunity for Hearing published in the **Federal Register** (75 FR 3493), a petition to intervene was submitted by Diane Curran, representing San Luis Obispo Mothers for Peace.

The Board is comprised of the following administrative judges:

Alex S. Karlin, Chair, Atomic Safety and Licensing Board Panel, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

Nicholas G. Trikouros, Atomic Safety and Licensing Board Panel, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

Paul B. Abramson, Atomic Safety and Licensing Board Panel, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

All correspondence, documents, and other materials shall be filed in accordance with the NRC E-Filing rule,

which the NRC promulgated in August 2007 (72 FR 49,139).

Issued at Rockville, Maryland, this 8th day of April 2010.

**Thomas S. Moore,**  
*Associate Chief Administrative Judge, Atomic Safety and Licensing Board Panel.*

[FR Doc. 2010-8755 Filed 4-15-10; 8:45 am]

**BILLING CODE 7590-01-P**

#### NUCLEAR REGULATORY COMMISSION

[NRC-2010-0155; EA-10-058]

#### In the Matter of: Certain Licensees Requesting Unescorted Access to Radioactive Material; Order Imposing Trustworthiness and Reliability Requirements for Unescorted Access to Certain Radioactive Material (Effective Immediately)

#### I

The Licensees identified in Attachment 1<sup>1</sup> to this Order hold licenses issued in accordance with the Atomic Energy Act (AEA) of 1954, as amended, by the U.S. Nuclear Regulatory Commission (NRC or Commission) or an Agreement State, authorizing them to perform services on devices containing certain radioactive material for customers licensed by the NRC or an Agreement State to possess and use certain quantities of the radioactive materials listed in Attachment 2 to this Order. Commission regulations at 10 CFR 20.1801 or equivalent Agreement State regulations require Licensees to secure, from unauthorized removal or access, licensed materials that are stored in controlled or unrestricted areas. Commission regulations at 10 CFR 20.1802 or equivalent Agreement State regulations require Licensees to control and maintain constant surveillance of licensed material that is in a controlled or unrestricted area and that is not in storage.

#### II

Subsequent to the terrorist events of September 11, 2001, the NRC issued immediately effective security Orders to NRC and Agreement State Licensees under the Commission's authority to protect the common defense and security of the nation. The Orders required certain manufacturing and distribution (M&D) Licensees to implement Additional Security Measures (ASMs) for the radioactive materials listed in Attachment 2 to this

<sup>1</sup> Attachment 1 contains sensitive information and will not be released to the public.

Order (the radionuclides of concern), to supplement the existing regulatory requirements. The ASMs included requirements for determining the trustworthiness and reliability of individuals that require unescorted access to the radionuclides of concern. Section 652 of the Energy Policy Act of 2005, which became law on August 8, 2005, amended section 149 of the AEA to require fingerprinting and a Federal Bureau of Investigation (FBI) identification and criminal history records check for "any individual who is permitted unescorted access to radioactive materials or other property subject to regulation by the Commission that the Commission determines to be of such significance to the public health and safety or the common defense and security as to warrant fingerprinting and background checks." Section 149 of the AEA also requires that "all fingerprints obtained by a Licensee or applicant \* \* \* shall be submitted to the Attorney General of the United States through the Commission for identification and a criminal history records check." As a result, the trustworthiness and reliability requirements of the ASMs were updated and the M&D Licensees were issued additional Orders imposing the new fingerprinting requirements.

In late 2005, the NRC and the Agreement States began issuing Increased Controls (IC) Orders or other legally binding requirements to Licensees who are authorized to possess the radionuclides of concern. Paragraph IC 1.c of the IC requirements stated that "service providers shall be escorted unless determined to be trustworthy and reliable by an NRC-required background investigation as an employee of a Manufacturing and Distribution Licensee." Starting in December 2007, the NRC and the Agreement States began issuing additional Orders or other legally binding requirements to the IC Licensees, imposing the new fingerprinting requirements. In the December 2007 Fingerprinting Order, Paragraph IC 1.c of the IC requirements was superseded by the requirement that "Service provider Licensee employees shall be escorted unless determined to be trustworthy and reliable by an NRC-required background investigation." However, NRC did not require background investigations for non-M&D service provider Licensees. Consequently, only service representatives of certain M&D Licensees may be granted unescorted access to the radionuclides of concern at an IC Licensee facility, even though non-M&D service provider Licensees

provide similar services and have the same degree of knowledge of the devices they service as M&D Licensees. To maintain appropriate access control to the radionuclides of concern, and to allow M&D Licensees and non-M&D service provider Licensees to have the same level of access at customers' facilities, NRC is imposing trustworthiness and reliability requirements for unescorted access to radionuclides of concern, as set forth in this Order. These requirements apply to non-M&D service provider Licensees that request and have a need for unescorted access by their representatives to the radionuclides of concern at IC Licensee facilities. These trustworthiness and reliability requirements are equivalent to the requirements for M&D Licensees who perform services requiring unescorted access to the radionuclides of concern.

In order to provide assurance that non-M&D service provider Licensees are implementing prudent measures to achieve a consistent level of protection for service providers requiring unescorted access to the radionuclides of concern at IC Licensee facilities, all Licensees identified in Attachment 1 to this Order shall implement the requirements of this Order. In addition, pursuant to 10 CFR 2.202, because of potentially significant adverse impacts associated with a deliberate malevolent act by an individual with unescorted access to the radionuclides of concern, I find that the public health, safety, and interest require this Order to be effective immediately.

### III

Accordingly, pursuant to sections 81, 149, 161b, 161i, 161o, 182, and 186 of the Atomic Energy Act of 1954, as amended, and the Commission's regulations in 10 CFR 2.202, 10 CFR parts 20, 30 and 33, *it is hereby ordered, effective immediately, that all licensees identified in attachment 1 to this order comply with the requirements set forth in this order.*

A.1. The Licensee shall establish and maintain a fingerprinting program that meets the requirements of Attachment 3 to this Order for individuals that require unescorted access to the radionuclides of concern. The Licensee shall complete implementation of the requirements of Attachment 3 to this Order within one hundred eighty (180) days of the date of this Order, or before (1) providing written verification to another Licensee subject to the IC requirements, or (2) attesting to or certifying the trustworthiness and reliability of a service provider for unescorted access to

the radionuclides of concern at a customer's facility.

A.2. Within ninety (90) days of the date of this Order, the Licensee shall designate a "Reviewing Official" for determining unescorted access to the radioactive materials as listed in Attachment 2 to this Order by other individuals. The designated Reviewing Official shall be determined to be trustworthy and reliable by the Licensee in accordance with the requirements described in Attachment 3 to this Order and must be permitted to have unescorted access to the radioactive materials listed in Attachment 2 to this Order as part of his or her job duties.

A.3. Fingerprints for unescorted access need not be taken if a designated Reviewing Official is relieved from the fingerprinting requirement by 10 CFR 73.61, or has been favorably decided by a U.S. Government program involving fingerprinting and a FBI identification and criminal history records check<sup>2</sup> within the last five (5) years, or for any person who has an active federal security clearance (provided in the latter two cases that they make available the appropriate documentation<sup>3</sup>). The Licensee may provide, for NRC review, written confirmation from the Agency/ employer which granted the federal security clearance or reviewed the FBI identification and criminal history records results based upon a fingerprint identification check. The NRC will determine whether, based on the written confirmation, the designated Reviewing Official may have unescorted access to the radioactive materials listed in Attachment 2 to this Order, and

<sup>2</sup> Examples of such programs include (1) National Agency Check, (2) Transportation Worker Identification Credentials in accordance with 49 CFR part 1572, (3) Bureau of Alcohol Tobacco Firearms and Explosives background checks and clearances in accordance with 27 CFR part 555, (4) Health and Human Services security risk assessments for possession and use of select agents and toxins in accordance with 42 CFR part 73, and (5) Hazardous Material security threat assessment for hazardous material endorsement to commercial drivers license in accordance with 49 CFR part 1572, Customs and Border Patrol's Free and Secure Trade (FAST) Program. The FAST program is a cooperative effort between the Bureau of Customs and Border Patrol and the governments of Canada and Mexico to coordinate processes for the clearance of commercial shipments at the U.S.-Canada and U.S.-Mexico borders. Participants in the FAST program, which requires successful completion of a background records check, may receive expedited entrance privileges at the northern and southern borders.

<sup>3</sup> This documentation must allow the NRC or NRC-approved Reviewing Official to verify that the individual has fulfilled the unescorted access requirements of Section 149 of the AEA by submitting to fingerprinting and a FBI identification and criminal history records check.

therefore, be permitted to serve as the Licensee's Reviewing Official.<sup>4</sup>

A.4. A designated Reviewing Official may not review the results from the FBI identification and criminal history records checks or make unescorted access determinations until the NRC has approved the individual as the Licensee's Reviewing Official.

A.5. The NRC will determine whether this individual (or any subsequent Reviewing Official) may have unescorted access to the radionuclides of concern, and therefore, will be permitted to serve as the Licensee's Reviewing Official. The NRC-approved Reviewing Official shall be the recipient of the results of the FBI identification and criminal history records check of the other Licensee employees requiring unescorted access to the radioactive materials listed in Attachment 2 to this Order, and shall control such information as specified in the "Protection of Information" section of Attachment 3 to this Order.

A.6. The NRC-approved Reviewing Official shall determine whether an individual may have unescorted access to radioactive materials that equal or exceed the quantities in Attachment 2 to this Order, in accordance with the requirements described in Attachment 3 to this Order.

B. Prior to requesting fingerprints from a Licensee employee, a copy of this Order shall be provided to that person.

C.1. The Licensee shall, in writing, within twenty-five (25) days of the date of this Order, notify the Commission, (1) if it is unable to comply with any of the requirements described in this Order, including Attachment 3 to this Order, (2) if compliance with any of the requirements is unnecessary in its specific circumstances, or (3) if implementation of any of the requirements would cause the Licensee to be in violation of the provisions of any Commission or Agreement State regulation or its license. The notification shall provide the Licensee's justification for seeking relief from or variation of any specific requirement.

C.2. The Licensee shall complete implementation of the requirements of Attachment 3 to this Order within one hundred eighty (180) days of the date of this Order.

C.3. The Licensee shall report to the Commission when they have achieved full compliance with the requirements described in Attachment 3 to this Order.

<sup>4</sup> The NRC's determination of this individual's unescorted access to the radionuclides of concern in accordance with the process described in Enclosure 4 to the transmittal letter of this Order is an administrative determination that is outside the scope of this Order.

The report shall be made within twenty-five (25) days after full compliance has been achieved.

C.4. If during the implementation period of this Order, the Licensee is unable, due to circumstances beyond its control, to meet the requirements of this Order by September 26, 2010, the Licensee shall request the Commission, in writing, the need for an extension of time to implement the requirements. The request shall provide the Licensee's justification for seeking additional time to comply with the requirements of this Order.

C.5. Licensees shall notify the NRC's Headquarters Operations Office at 301-816-5100 within 24 hours if the results from a FBI identification and criminal history records check indicate that an individual is identified on the FBI's Terrorist Screening Data Base.

Licensee responses to C.1, C.2., C.3., and C.4. above shall be submitted in writing to the Director, Division of Materials Safety and State Agreements, Office of Federal and State Materials and Environmental Management Programs, U.S. Nuclear Regulatory Commission, Washington, DC 20555. Licensee responses shall be marked as "Security-Related Information—Withhold Under 10 CFR 2.390.

The Director, Division of Materials Safety and State Agreements, Office of Federal and State Materials and Environmental Management Programs, may, in writing, relax or rescind any of the above conditions upon demonstration of good cause by the Licensee.

#### IV

In accordance with 10 CFR 2.202, the Licensee must, and any other person adversely affected by this Order may, submit an answer to this Order within twenty-five (25) days of the date of this Order. In addition, the Licensee and any other person adversely affected by this Order may request a hearing of this Order within twenty-five (25) days of the date of the Order. Where good cause is shown, consideration will be given to extending the time to request a hearing. A request for extension of time must be made, in writing, to the Director, Division of Materials Safety and State Agreements, Office of Federal and State Materials and Environmental Management Programs, U.S. Nuclear Regulatory Commission, Washington, DC 20555, and include a statement of good cause for the extension.

The answer may consent to this Order. If the answer includes a request for a hearing, it shall, under oath or affirmation, specifically set forth the matters of fact and law on which the

Licensee relies and the reasons as to why the Order should not have been issued. If a person other than the Licensee requests a hearing, that person shall set forth with particularity the manner in which his interest is adversely affected by this Order and shall address the criteria set forth in 10 CFR 2.309(d).

All documents filed in NRC adjudicatory proceedings, including a request for hearing, a petition for leave to intervene, any motion or other document filed in the proceeding prior to the submission of a request for hearing or petition to intervene, and documents filed by interested governmental entities participating under 10 CFR 2.315(c), must be filed in accordance with the NRC E-Filing rule (72 FR 49139, August 28, 2007). The E-Filing process requires participants to submit and serve all adjudicatory documents over the internet, or in some cases to mail copies on electronic storage media. Participants may not submit paper copies of their filings unless they seek an exemption in accordance with the procedures described below.

To comply with the procedural requirements of E-Filing, at least ten (10) days prior to the filing deadline, the participant should contact the Office of the Secretary by e-mail at [hearing.docket@nrc.gov](mailto:hearing.docket@nrc.gov), or by telephone at (301) 415-1677, to request (1) a digital ID certificate, which allows the participant (or its counsel or representative) to digitally sign documents and access the E-Submittal server for any proceeding in which it is participating; and (2) advise the Secretary that the participant will be submitting a request or petition for hearing (even in instances in which the participant, or its counsel or representative, already holds an NRC-issued digital ID certificate). Based upon this information, the Secretary will establish an electronic docket for the hearing in this proceeding if the Secretary has not already established an electronic docket.

Information about applying for a digital ID certificate is available on NRC's public Web site at <http://www.nrc.gov/site-help/e-submittals/apply-certificates.html>. System requirements for accessing the E-Submittal server are detailed in NRC's "Guidance for Electronic Submission," which is available on the agency's public Web site at <http://www.nrc.gov/site-help/e-submittals.html>. Participants may attempt to use other software not listed on the Web site, but should note that the NRC's E-Filing system does not support unlisted software, and the NRC

Meta System Help Desk will not be able to offer assistance in using unlisted software.

If a participant is electronically submitting a document to the NRC in accordance with the E-Filing rule, the participant must file the document using the NRC's online, Web-based submission form. In order to serve documents through EIE, users will be required to install a Web browser plug-in from the NRC Web site. Further information on the Web-based submission form, including the installation of the Web browser plug-in, is available on the NRC's public Web site at <http://www.nrc.gov/site-help/e-submittals.html>.

Once a participant has obtained a digital ID certificate and a docket has been created, the participant can then submit a request for hearing or petition for leave to intervene. Submissions should be in Portable Document Format (PDF) in accordance with NRC guidance available on the NRC public Web site at <http://www.nrc.gov/site-help/e-submittals.html>. A filing is considered complete at the time the documents are submitted through the NRC's E-Filing system. To be timely, an electronic filing must be submitted to the E-Filing system no later than 11:59 p.m. Eastern Time on the due date. Upon receipt of a transmission, the E-Filing system time-stamps the document and sends the submitter an e-mail notice confirming receipt of the document. The E-Filing system also distributes an e-mail notice that provides access to the document to the NRC Office of the General Counsel and any others who have advised the Office of the Secretary that they wish to participate in the proceeding, so that the filer need not serve the documents on those participants separately. Therefore, applicants and other participants (or their counsel or representative) must apply for and receive a digital ID certificate before a hearing request/petition to intervene is filed so that they can obtain access to the document via the E-Filing system.

A person filing electronically using the agency's adjudicatory E-Filing system may seek assistance by

contacting the NRC Meta System Help Desk through the "Contact Us" link located on the NRC Web site at <http://www.nrc.gov/site-help/e-submittals.html>, by e-mail at [MSHD.Resource@nrc.gov](mailto:MSHD.Resource@nrc.gov), or by a toll-free call at (866) 672-7640. The NRC Meta System Help Desk is available between 8 a.m. and 8 p.m., Eastern Time, Monday through Friday, excluding government holidays.

Participants who believe that they have a good cause for not submitting documents electronically must file an exemption request, in accordance with 10 CFR 2.302(g), with their initial paper filing requesting authorization to continue to submit documents in paper format. Such filings must be submitted by: (1) First class mail addressed to the Office of the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, Attention: Rulemaking and Adjudications Staff; or (2) courier, express mail, or expedited delivery service to the Office of the Secretary, Sixteenth Floor, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852, Attention: Rulemaking and Adjudications Staff. Participants filing a document in this manner are responsible for serving the document on all other participants. Filing is considered complete by first-class mail as of the time of deposit in the mail, or by courier, express mail, or expedited delivery service upon depositing the document with the provider of the service. A presiding officer, having granted an exemption request from using E-Filing, may require a participant or party to use E-Filing if the presiding officer subsequently determines that the reason for granting the exemption from use of E-Filing no longer exists.

Documents submitted in adjudicatory proceedings will appear in NRC's electronic hearing docket which is available to the public at [http://ehd.nrc.gov/EHD\\_Proceeding/home.asp](http://ehd.nrc.gov/EHD_Proceeding/home.asp), unless excluded pursuant to an order of the Commission, or the presiding officer. Participants are requested not to include personal privacy information, such as social security numbers, home addresses, or home phone numbers in

their filings, unless an NRC regulation or other law requires submission of such information. With respect to copyrighted works, except for limited excerpts that serve the purpose of the adjudicatory filings and would constitute a Fair Use application, participants are requested not to include copyrighted materials in their submission.

If a hearing is requested by the Licensee or a person whose interest is adversely affected, the Commission will issue an Order designating the time and place of any hearing. If a hearing is held the issue to be considered at such hearing shall be whether this Order should be sustained.

Pursuant to 10 CFR 2.202(c)(2)(i), the Licensee may, in addition to requesting a hearing, at the time the answer is filed or sooner, move the presiding officer to set aside the immediate effectiveness of the Order on the ground that the Order, including the need for immediate effectiveness, is not based on adequate evidence but on mere suspicion, unfounded allegations, or error.

In the absence of any request for hearing, or written approval of an extension of time in which to request a hearing, the provisions specified in Section III above shall be final twenty-five (25) days from the date of this Order without further order or proceedings. If an extension of time for requesting a hearing has been approved, the provisions specified in Section III shall be final when the extension expires if a hearing request has not been received.

An answer or a request for hearing shall not stay the immediate effectiveness of this order.

Dated this 30th day of March, 2010.

For the Nuclear Regulatory Commission.

**Robert J. Lewis,**

*Director, Division of Materials Safety and State Agreements, Office of Federal and State Materials and Environmental Management Programs.*

**Attachment 1: List of Applicable Materials Licensees Redacted**

**Attachment 2: Table 1: Radionuclides of Concern**

TABLE 1—RADIONUCLIDES OF CONCERN

Radionuclide	Quantity of concern <sup>1</sup> (TBq)	Quantity of concern <sup>2</sup> (Ci)
Am-241 .....	0.6	16
Am-241/Be .....	0.6	16
Cf-252 .....	0.2	5.4
Cm-244 .....	0.5	14
Co-60 .....	0.3	8.1
Cs-137 .....	1	27
Gd-153 .....	10	270

TABLE 1—RADIONUCLIDES OF CONCERN—Continued

Radionuclide	Quantity of concern <sup>1</sup> (TBq)	Quantity of concern <sup>2</sup> (Ci)
Ir-192 .....	0.8	22
Pm-147 .....	400	11,000
Pu-238 .....	0.6	16
Pu-239/Be .....	0.6	16
Ra-226 .....	0.4	11
Se-75 .....	2	54
Sr-90 (Y-90) .....	10	270
Tm-170 .....	200	5,400
Yb-169 .....	3	81
Combinations of radioactive materials listed above <sup>3</sup> .....	( <sup>4</sup> )	.....

<sup>1</sup> The aggregate activity of multiple, collocated sources of the same radionuclide should be included when the total activity equals or exceeds the quantity of concern.

<sup>2</sup> The primary values used for compliance with this Order are TBq. The curie (Ci) values are rounded to two significant figures for informational purposes only.

<sup>3</sup> Radioactive materials are to be considered aggregated or collocated if breaching a common physical security barrier (e.g., a locked door at the entrance to a storage room) would allow access to the radioactive material or devices containing the radioactive material.

<sup>4</sup> If several radionuclides are aggregated, the sum of the ratios of the activity of each source, *i* of radionuclide, *n*,  $A_{(i,n)}$ , to the quantity of concern for radionuclide *n*,  $Q_{(n)}$ , listed for that radionuclide equals or exceeds one. [(aggregated source activity for radionuclide A) ÷ (quantity of concern for radionuclide A)] + [(aggregated source activity for radionuclide B) ÷ (quantity of concern for radionuclide B)] + etc. \* \* \* ≥ 1

**Guidance for Aggregation of Sources**

NRC supports the use of the International Atomic Energy Agency’s (IAEA) source categorization methodology as defined in IAEA Safety Standards Series No. RS-G-1.9, “Categorization of Radioactive Sources,” (2005) (see [http://www-pub.iaea.org/MTCD/publications/PDF/Pub1227\\_web.pdf](http://www-pub.iaea.org/MTCD/publications/PDF/Pub1227_web.pdf)) and as endorsed by the agency’s Code of Conduct for the Safety and Security of Radioactive Sources, January 2004 (see [http://www-pub.iaea.org/MTCD/publications/PDF/Code-2004\\_web.pdf](http://www-pub.iaea.org/MTCD/publications/PDF/Code-2004_web.pdf)). The Code defines a three-tiered source categorization scheme. Category 1 corresponds to the largest source strength (equal to or greater than 100 times the quantity of concern values listed in Table 1.) and Category 3, the smallest (equal or exceeding one-tenth the quantity of concern values listed in Table 1.). Additional security measures apply to sources that are equal to or greater than the quantity of concern values listed in Table 1, plus aggregations of smaller sources that are equal to or greater than the quantities in Table 1. Aggregation only applies to sources that are collocated.

Licensees who possess individual sources in total quantities that equal or exceed the Table 1 quantities are required to implement additional security measures. Where there are many small (less than the quantity of concern values) collocated sources whose total aggregate activity equals or exceeds the Table 1 values, Licensees are to implement additional security measures.

Some source handling or storage activities may cover several buildings, or several locations within specific

buildings. The question then becomes, “When are sources considered collocated for purposes of aggregation?” For purposes of the additional controls, sources are considered collocated if breaching a single barrier (e.g., a locked door at the entrance to a storage room) would allow access to the sources. Sources behind an outer barrier should be aggregated separately from those behind an inner barrier (e.g., a locked source safe inside the locked storage room). However, if both barriers are simultaneously open, then all sources within these two barriers are considered to be collocated. This logic should be continued for other barriers within or behind the inner barrier.

The following example illustrates the point: A lockable room has sources stored in it. Inside the lockable room, there are two shielded safes with additional sources in them. Inventories are as follows:

The room has the following sources outside the safes: Cf-252, 0.12 TBq (3.2 Ci); Co-60, 0.18 TBq (4.9 Ci), and Pu-238, 0.3 TBq (8.1 Ci). Application of the unity rule yields:  $(0.12 \div 0.2) + (0.18 \div 0.3) + (0.3 \div 0.6) = 0.6 + 0.6 + 0.5 = 1.7$ . Therefore, the sources would require additional security measures.

Shielded safe #1 has a 1.9 TBq (51 Ci) Cs-137 source and a 0.8 TBq (22 Ci) Am-241 source. In this case, the sources would require additional security measures, regardless of location, because they each exceed the quantities in Table 1.

Shielded safe #2 has two Ir-192 sources, each having an activity of 0.3 TBq (8.1 Ci). In this case, the sources would not require additional security measures while locked in the safe. The combined activity does not exceed the threshold quantity 0.8 TBq (22 Ci).

Because certain barriers may cease to exist during source handling operations

(e.g., a storage location may be unlocked during periods of active source usage), Licensees should, to the extent practicable, consider two modes of source usage—“operations” (active source usage) and “shutdown” (source storage mode). Whichever mode results in the greatest inventory (considering barrier status) would require additional security measures for each location.

Use the following method to determine which sources of radioactive material require implementation of the additional security measures:

- Include any single source equal to or greater than the quantity of concern in Table
- Include multiple collocated sources of the same radionuclide when the combined quantity equals or exceeds the quantity of concern
- For combinations of radionuclides, include multiple collocated sources of different radionuclides when the aggregate quantities satisfy the following unity rule: [(amount of radionuclide A) ÷ (quantity of concern of radionuclide A)] + [(amount of radionuclide B) ÷ (quantity of concern of radionuclide B)] + etc. \* \* \* ≥ 1

**Attachment 3: Requirements for Service Provider Licensees Providing Written Verification Attesting to or Certifying the Trustworthiness and Reliability of Service Providers for Unescorted Access to Certain Radioactive Material at Customer Facilities, Including Requirements for Fingerprinting and Criminal History Checks**

*A. General Requirements*

Licensees subject to the provisions of this Order shall comply with the requirements of this attachment. The term “certain radioactive material”

means the radionuclides in quantities equal to or greater than the quantities listed in Attachment 2 to this Order.

1. The Licensee shall provide the customer's facility written verification attesting to or certifying the trustworthiness and reliability of an individual as a service provider only for employees the Licensee has approved in writing (see requirement A.3 below). The Licensee shall request unescorted access to certain radioactive material at customer licensee facilities only for approved service providers that require the unescorted access in order to perform a job duty.

2. The trustworthiness, reliability, and true identity of a service provider shall be determined based on a background investigation. The background investigation shall address at least the past three (3) years, and as a minimum, include fingerprinting and a Federal Bureau of Investigation (FBI) criminal history records check as required in Section B, verification of employment history, education, and personal references. If a service provider's employment has been less than the required three (3) years period, educational references may be used in lieu of employment history.

3. The Licensee shall document the basis for concluding that there is reasonable assurance that a service provider requiring unescorted access to certain radioactive material at a customer facility is trustworthy and reliable, and does not constitute an unreasonable risk for unauthorized use of the radioactive material. The Licensee shall maintain a list of service providers approved for unescorted access to certain radioactive material.

4. The Licensee shall retain documentation regarding the trustworthiness and reliability of approved service providers for three years after the individual no longer requires unescorted access to certain radioactive material associated with the Licensee's activities.

5. Each time the Licensee revises the list of approved service providers (see requirement 3 above), the Licensee shall retain the previous list for three years after the revision.

6. The Licensee shall provide to a customer written certification for each service provider for whom unescorted access to certain radioactive material at the customer's facility is required and requested. The written certification shall be dated and signed by the Reviewing Official. A new written certification is not required if an individual service provider returns to the customer facility within three years,

provided the customer has retained the prior certification.

#### *B. Specific Requirements Pertaining to Fingerprinting and Criminal History Records Checks*

1. The Licensee shall fingerprint each service provider to be approved for unescorted access to certain radioactive materials following the procedures outlined in Enclosure 3 of the transmittal letter. The Licensee shall review and use the information received from the FBI identification and criminal history records check and ensure that the provisions contained in the subject Order and this attachment are satisfied.

2. The Licensee shall notify each affected individual that the fingerprints will be used to secure a review of his/her criminal history record and inform the individual of the procedures for revising the record or including an explanation in the record, as specified in the "Right to Correct and Complete Information" section of this attachment.

3. Fingerprints for unescorted access need not be taken if an employed individual (e.g., a Licensee employee, contractor, manufacturer, or supplier) is relieved from the fingerprinting requirement by 10 CFR 73.61, or any person who has been favorably-decided by a U.S. Government program involving fingerprinting and an FBI identification and criminal history records check (e.g. National Agency Check, Transportation Worker Identification Credentials in accordance with 49 CFR part 1572, Bureau of Alcohol Tobacco Firearms and Explosives background checks and clearances in accordance with 27 CFR part 555, Health and Human Services security risk assessments for possession and use of select agents and toxins in accordance with 42 CFR part 73, Hazardous Material security threat assessment for hazardous material endorsement to commercial drivers license in accordance with 49 CFR part 1572, Customs and Border Patrol's Free and Secure Trade Program<sup>5</sup>) within the last five (5) years, or any person who has an active federal security clearance (provided in the latter two cases that they make available the appropriate documentation<sup>6</sup>). Written confirmation

<sup>5</sup> The FAST program is a cooperative effort between the Bureau of Customs and Border Patrol and the governments of Canada and Mexico to coordinate processes for the clearance of commercial shipments at the U.S.-Canada and U.S.-Mexico borders. Participants in the FAST program, which requires successful completion of a background records check, may receive expedited entrance privileges at the northern and southern borders.

<sup>6</sup> This documentation must allow the Reviewing Official to verify that the individual has fulfilled the

from the Agency/employer which granted the federal security clearance or reviewed the FBI criminal history records results based upon a fingerprint identification check must be provided. The Licensee must retain this documentation for a period of three (3) years from the date the individual no longer requires unescorted access to certain radioactive material associated with the Licensee's activities.

4. All fingerprints obtained by the Licensee pursuant to this Order must be submitted to the Commission for transmission to the FBI.

5. The Licensee shall review the information received from the FBI and consider it, in conjunction with the trustworthiness and reliability requirements of Section A of this attachment, in making a determination whether to approve and certify the individual for unescorted access to certain radioactive materials. The Licensee shall use any information obtained as part of a criminal history records check solely for the purpose of determining an individual's suitability for unescorted access to certain radioactive materials.

6. The Licensee shall document the basis for its determination whether to approve the individual for unescorted access to certain radioactive materials.

#### *C. Prohibitions*

A Licensee shall not base a final determination to not provide certification for unescorted access to certain radioactive material for an individual solely on the basis of information received from the FBI involving: an arrest more than one (1) year old for which there is no information of the disposition of the case, or an arrest that resulted in dismissal of the charge or an acquittal.

A Licensee shall not use information received from a criminal history check obtained pursuant to this Order in a manner that would infringe upon the rights of any individual under the First Amendment to the Constitution of the United States, nor shall the Licensee use the information in any way which would discriminate among individuals on the basis of race, religion, national origin, sex, or age.

#### *D. Right To Correct and Complete Information*

Prior to any final adverse determination, the Licensee shall make available to the individual the contents of any criminal records obtained from

unescorted access requirements of Section 149 of the AEA by submitting to fingerprinting and an FBI identification and criminal history records check.

the FBI for the purpose of assuring correct and complete information. Written confirmation by the individual of receipt of this notification must be maintained by the Licensee for a period of one (1) year from the date of the notification.

If, after reviewing the record, an individual believes that it is incorrect or incomplete in any respect and wishes to change, correct, or update the alleged deficiency, or to explain any matter in the record, the individual may initiate challenge procedures. These procedures include either direct application by the individual challenging the record to the agency (*i.e.*, law enforcement agency) that contributed the questioned information, or direct challenge as to the accuracy or completeness of any entry on the criminal history record to the Assistant Director, Federal Bureau of Investigation Identification Division, Washington, DC 20537-9700 (as set forth in 28 CFR 16.30 through 16.34). In the latter case, the FBI forwards the challenge to the agency that submitted the data and requests that agency to verify or correct the challenged entry. Upon receipt of an Official communication directly from the agency that contributed the original information, the FBI Identification Division makes any changes necessary in accordance with the information supplied by that agency. The Licensee must provide at least ten (10) days for an individual to initiate an action challenging the results of an FBI identification and criminal history records check after the record is made available for his/her review. The Licensee may make a final unescorted access to certain radioactive material determination based upon the criminal history record only upon receipt of the FBI's ultimate confirmation or correction of the record. Upon a final adverse determination on unescorted access to certain radioactive material, the Licensee shall provide the individual its documented basis for denial. Unescorted access to certain radioactive material shall not be granted to an individual during the review process.

#### *E. Protection of Information*

1. Each Licensee who obtains a criminal history record on an individual pursuant to this Order shall establish and maintain a system of files and procedures for protecting the record and the personal information from unauthorized disclosure.

2. The Licensee may not disclose the record or personal information collected and maintained to persons other than the subject individual, his/her

representative, or to those who have a need to access the information in performing assigned duties in the process of determining whether to verify the individual for unescorted access to certain radioactive material. No individual authorized to have access to the information may re-disseminate the information to any other individual who does not have a need-to-know.

3. The personal information obtained on an individual from a criminal history record check may be transferred to another Licensee if the Licensee holding the criminal history record check receives the individual's written request to re-disseminate the information contained in his/her file, and the gaining Licensee verifies information such as the individual's name, date of birth, social security number, sex, and other applicable physical characteristics for identification purposes.

4. The Licensee shall make criminal history records, obtained under this section, available for examination by an authorized representative of the NRC to determine compliance with the regulations and laws.

5. The Licensee shall retain all fingerprints and criminal history records from the FBI, or a copy if the individual's file has been transferred:

a. For three (3) years after the individual no longer requires unescorted access, or

b. For three (3) years after unescorted access to certain radioactive material was denied.

After the required three (3) year period, these documents shall be destroyed by a method that will prevent reconstruction of the information in whole or in part.

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## **SECURITIES AND EXCHANGE COMMISSION**

[Release No. 34-61862; File No. SR-Phlx-2010-43]

### **Self-Regulatory Organizations; Notice of Filing of Proposed Rule Change by NASDAQ OMX PHLX, Inc. Relating to Quote Spread Parameters and Batching of Violations**

April 7, 2010.

Pursuant to Section 19(b)(1) of the Securities Exchange Act of 1934 ("Act")<sup>1</sup> and Rule 19b-4 thereunder,<sup>2</sup> notice is hereby given that on March 26, 2010, NASDAQ OMX PHLX, Inc.

("Phlx" or "Exchange") filed with the Securities and Exchange Commission ("SEC" or "Commission") the proposed rule change as described in Items I, II, and III, below, which Items have been prepared by the Exchange. The Commission is publishing this notice to solicit comments on the proposed rule change from interested persons.

#### **I. Self-Regulatory Organization's Statement of the Terms of Substance of the Proposed Rule Change**

The Exchange, pursuant to Section 19(b)(1) of the Act<sup>3</sup> and Rule 19b-4 thereunder,<sup>4</sup> proposes to amend Options Floor Procedure Advice ("Advice") F-6, Option Quote Parameters, to copy from Rule 1014(c)(i)(A) a provision relating to \$5 wide bid-ask differentials for electronic quotes in equity, index and foreign currency options after the opening, which was inadvertently omitted from Advice F-6. The Exchange also proposes to change the fine schedule to add three warning letters, implement the fine schedule on a one year running calendar basis, and permit the "batching" of violations of both Advice F-6 and the corresponding Rule 1014(c)(i)(A), pursuant to Rules 960 and 970, for purposes of determining what is an occurrence.

The text of the proposed rule change is available on the Exchange's Web site at <http://www.nasdaqtrader.com/micro.aspx?id=PHLXRulefilings>, at the principal office of the Exchange, and at the Commission's Public Reference Room.

#### **II. Self-Regulatory Organization's Statement of the Purpose of, and Statutory Basis for, the Proposed Rule Change**

In its filing with the Commission, the Exchange included statements concerning the purpose of and basis for the proposed rule change and discussed any comments it received on the proposed rule change. The text of these statements may be examined at the places specified in Item IV below. The Exchange has prepared summaries, set forth in sections A, B, and C below, of the most significant aspects of such statements.

##### *A. Self-Regulatory Organization's Statement of the Purpose of, and Statutory Basis for, the Proposed Rule Change*

#### 1. Purpose

The purpose of the proposed rule change is to correct Advice F-6 and update it in order to reflect the current

<sup>1</sup> 15 U.S.C. 78s(b)(1).

<sup>2</sup> 17 CFR 240.19b-4.

<sup>3</sup> 15 U.S.C. 78s(b)(1).

<sup>4</sup> 17 CFR 240.19b-4.