



U.S.NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

NRC Allegations Program with Highlights on Internet Sales of Exempt Distribution Materials

**Meeting of Organization of Agreement
States (OAS)**

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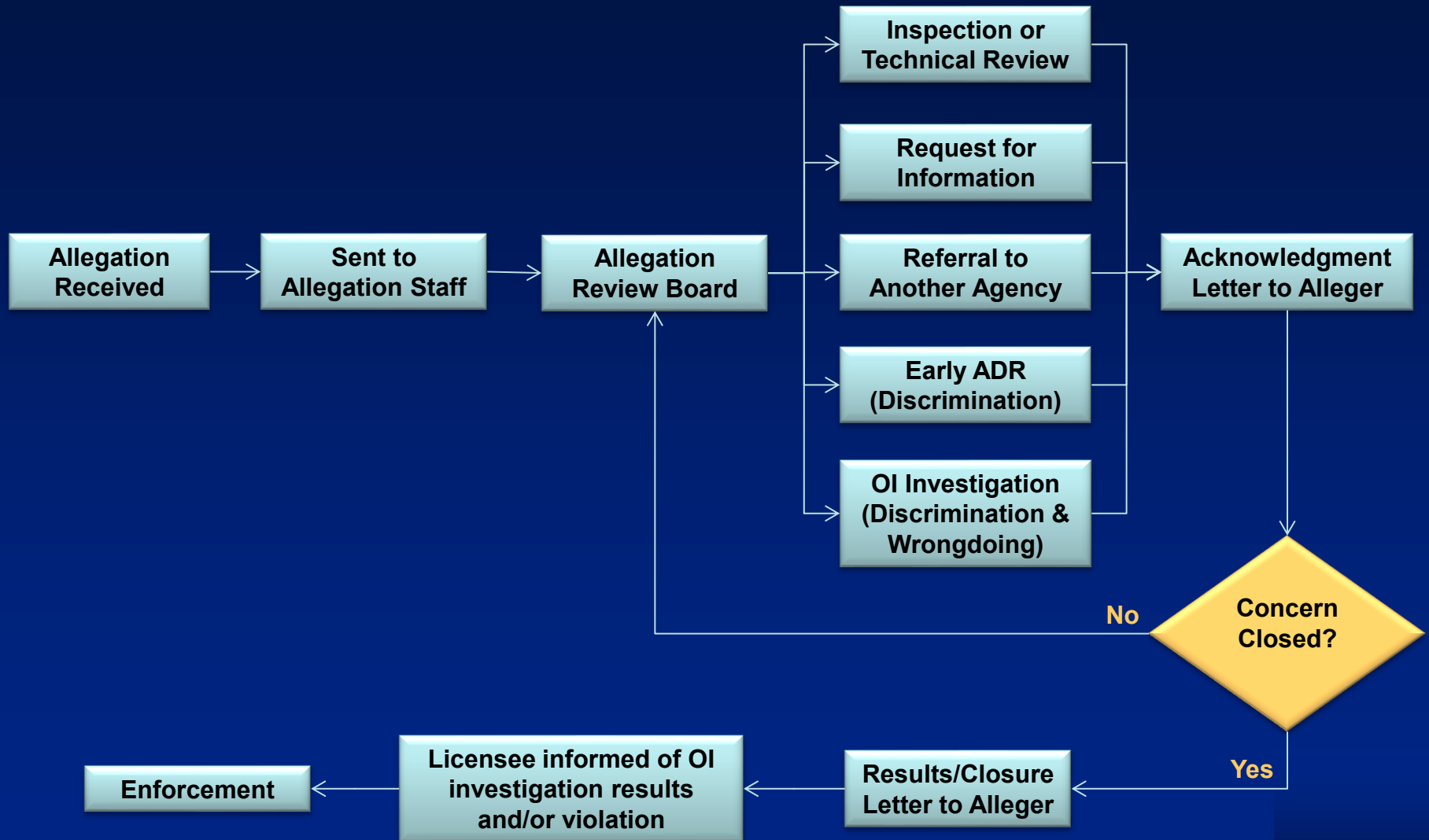
Objectives

- NRC Allegation Program
- Internet Sales of Radioactive Materials
- Examples
- NRC Allegation Process for Handling Internet Sales

Allegation Program

- NRC program that receives, evaluates, and provides responses to concerns from external sources about issues associated with NRC-regulated activity
- Allegation Definition - Declaration, statement, or assertion of impropriety or inadequacy associated with NRC-regulated activity, the validity of which has not been established
 - Low threshold; doesn't need to be a potential violation

The Allegation Process




Background on Internet Sales

- NRC-regulated materials frequently sold online by (and/or to) persons without CFR Part 40 or Part 30 license
- Items appear on large marketplaces like eBay and Amazon, as well as smaller outfits
- Note: these are exempt distribution products and usually pose a low to medium risk to public health and safety

Background on Internet Sales (*cont'd*)

- Items being sold should not be confused with unsafe handling or use of radioactive materials that may be reported on sites such as Reddit, TikTok or YouTube
- NRC staff have been assigned to coordinate with the larger e-commerce sites to update filtering terms for proactive removal of products that aren't allowed.
- Allegations are forwarded to technical staff for review and often involve coordination with Agreement States for cross-jurisdictional concerns.

Steps When Handling an Internet Sales Allegation

- Review the item to determine if it may contain radioactive materials
- Determine location of seller, if possible 
- Contact site hosts to remove listings and provide contact information for sellers
- Inform the seller of NRC requirements
- After sales are stopped, close the allegation with the allegor

Location-based Actions





- If the seller is in an Agreement State → the Regional State Agreement Officer forwards info to the state authorities for awareness and appropriate action
- Overseas sellers → send correspondence to the overseas seller to inform them of the NRC requirements for sales in the U.S.

Products or items that NRC has seen for sale

- Wearable items, such as pendants, bracelets, insoles, masks
- Water or shower filters
- Anti-Electro-Magnetic Frequency (EMF) stickers/cards
- Nano/alkaline wands
- Miscellaneous items, such as mattress covers, feminine hygiene products, homeopathic drugs
 - Note: these are exempt distribution and usually pose a low to medium risk to public health and safety

Products or items that NRC has seen for sale (cont'd)

PRODUCT LIST

 1 Necklace Pendant	 1 Bracelet
 1 Sticker	 1 Pouch



ZEN BODY
 THE BEST ECO-FRIENDLY SHOWER HEAD

★★★★ (17)
 \$49.99 - \$61.99-

Select Kit Clear Shower Head

Add-on item (optional): None

- 1 +

ADD TO CART

BUY IT NOW

Online Marketplaces

- Established relationships with major online marketplaces to maintain the sharing of information, such as seller contact information and updated filter terms
- Well-known sites: Amazon, eBay, Facebook Marketplace, Instagram, Walmart
- Other platforms: Etsy, OfferUp, Wish, Alibaba/AliExpress, Craigslist
- Independent merchant websites also involved
- Less common: Reddit, YouTube, TikTok

Marketplace Filter Terms – Byproduct Material (Part 30)

Regulated under 10 CFR 30.3

- Self-Luminous items
- Exit Signs
- Analog watches (T25, T100)
- Tritium products (e.g., keychains, pendants, vials)
- Krypton-85 metal halide lamps and bulbs

Marketplace Filter Terms – Source Material (Part 40)

Regulated under 10 CFR 40.3 and 40.13

- Anti-5G, Anti-EMF, Anti-Radiation
- Monazite Sand, Tourmaline, Lava Rock Energy
- Quantum Energy/Bioscience/Science
- Thorium, Uranium (non-ore forms), Volcanic Ash

ADVANCE Act and Proposed Efficiencies

- NRC is reviewing its allegation process for efficiencies
- NRC will inform the Agreement State Programs of any changes

Summary

- NRC monitors and responds to potential violations of NRC regulations regarding the sale of radioactive material via the internet.
- Sales of regulated materials require proper authorization, which may include specific licenses or exempt distribution licenses.

Resources

- Management Directive 8.8, “Management of Allegations”
- Allegation Backgrounder
<http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/allegation-process-bg.html>
- NRC Allegations Website
<http://www.nrc.gov/about-nrc/regulatory/allegations-resp.html>
 - The NRC Allegation Manual, a companion document to MD 8.8, is publicly available in ADAMS (Accession No. ML15147A700).

Contacts

You can contact us as follows:

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