

The following Security Advisory (SA) is not available because it is marked "Official Use Only – Security-Related Information" and is exempted from public disclosure in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Section 2.390.

SA-2010-09, "UNIVERSAL SERIAL BUS MALWARE TARGETING SIEMENS CONTROL SOFTWARE."

The purpose of this SA is to inform U.S. Nuclear Regulatory Commission (NRC) licensees to be vigilant against cyber threats and vulnerabilities. This advisory emphasizes that all licensees should continue to maintain effective cyber security processes, procedures, and programs at their facilities to defend against potential cyber vulnerabilities. Cyber security-related vulnerability information was previously addressed in Information Notice (IN) 2009-24, "Sources of Information Related to Potential Cyber Security Vulnerabilities," SA-2008-05, "Potential Cyber Security Vulnerabilities," and IN 2003-14, "Potential Vulnerability of Plant Computer Network to Worm Infection."

The NRC has issued SA-2010-09 dated October 7, 2010, to the following NRC licensees:

All holders of and applicants for a power reactor operating license or construction permit under 10 CFR Part 50, "Domestic Licensing of Production and Utilization Facilities," except those that have permanently ceased operations and have certified that fuel has been permanently removed from the reactor vessel.

All holders of and applicants for a power reactor early site permit, combined license, standard design certification, standard design approval, or manufacturing license under 10 CFR Part 52, "Licenses, Certifications, and Approvals for Nuclear Power Plants."

All holders of and applicants for a research and test reactor operating license under 10 CFR Part 50, "Domestic Licensing of Production and Utilization Facilities."

All holders of and applicants for a gaseous diffusion plant certificate of compliance or an approved compliance plan under 10 CFR Part 76, "Certification of Gaseous Diffusion Plants."

All holders of and applicants for a possession and use of byproduct material license for the processing or manufacturing of items that contain byproduct material for commercial distribution under 10 CFR Part 30, "Rules of General Applicability to Domestic Licensing of Byproduct Material."

All holders of and applicants for a byproduct material license for the processing or manufacturing and distribution or redistribution of radiopharmaceuticals, generators, reagent kits or sources and devices that contain byproduct material under 10 CFR Part 32, "Specific Domestic Licenses to Manufacture or Transfer Certain Items Containing Byproduct Material."

All holders of and applicants for an independent spent fuel storage installation license under 10 CFR Part 72, "Licensing Requirements for the Independent Storage of Spent Nuclear Fuel, High-Level Radioactive Waste, and Reactor-Related Greater Than Class C Waste."

All holders of and applicants for a specific source material license under 10 CFR Part 40, "Domestic Licensing of Source Material."

All holders of and applicants for a uranium recovery operating license or construction permit under 10 CFR Part 40, "Domestic Licensing of Source Material." Uranium recovery facilities include conventional mills, heap leach facilities, and in situ recovery facilities.

All holders of and applicants for a fuel cycle facility license under 10 CFR Part 70, "Domestic Licensing of Special Nuclear Material."

All holders of and applicants for a special nuclear material license authorizing the possession, use, or transport of formula quantities of strategic special nuclear material under 10 CFR Part 70, "Domestic Licensing of Special Nuclear Material."

All holders of and applicants for a possession and use of byproduct material license under 10 CFR Part 34, "Licenses for Industrial Radiography and Radiation Safety Requirements for Industrial Radiographic Operations."

All Radiation Control Program Directors and State Liaison Officers.

The NRC also provided the Advisory to Agreement States for their information and distribution to their licensees.

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