





# Commerce Jurisdiction (nuclear power related items)

- Balance of plant turbines, generators, switching gear, pipes and valves
- Health and safety equipment radiation detection and monitoring, fire safety, facility security
- General infrastructure, telecommunications, tools and maintenance equipment
- Materials and Manufacturing Equipment

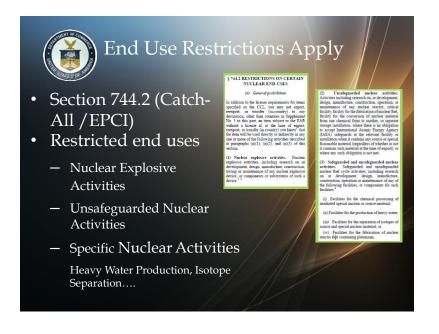


#### NP Controlled Exports Jan 2014-Sep 2015

- Over 45,000 exports valued at over \$3.2B
- Approximately \$2.9B exported NLR
- Approximately \$239M exported under BIS license
- Top ECCNs: 3A292; 2A291; 1C210; 1C202; 2B230; 3A233; 2B201; 1C234; 1C230; 2A290
- Top Destinations
  - South Korea; Japan; China; Germany; UK;
     UAE; France; Mexico; Taiwan; Netherlands







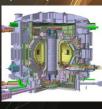




# Not Subject to Section 744.2

- Mining and milling operations
- Fusion reactors (Tokamak and ITER)
- Most trade with IAEA safeguarded facilities
- Naval nuclear propulsion (744.5)







## **Entity List**

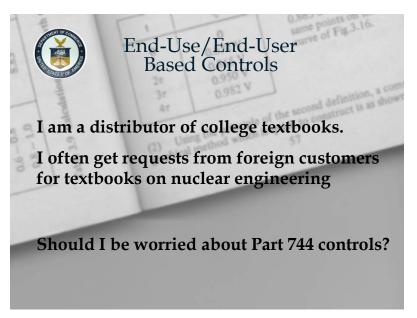
A number of entities known to be involved in certain nuclear activities are included on the Entity List, which requires a license where one otherwise would not be required





COUNTRY	ENTITY	LICENSE REQUIREMENT	REVIEW POLICY	FEDERAL REGISTER CITATION
PAKISTAN	Padatas Annies: Energy Commission (PAEC), a k.a., the following alias:  —Power Plant Workshops,  P.O. Box 114, Islamshod;  and the following three subordinate entities:  National Development Complex (NDC), a k.a., the following tree oliases:  —National Development Centre, and  National Development Centre, and  National Development Centre, and  National Development Centre, and  Padata Ing. Papila, Revalginal, Pakiston, and P.O. Box  2218, Islamshod, Pakiston.  National Defense on Padatas Science and Technology  OPNSTEED.  Nidore: Nationals of Nuclear Science and Technology  OPNSTEED continues for Nuclear Science and Technology  ONSTEED.  Nidore: Nationals of Nuclear Science and Technology  ONSTEED.  Nidore: Nationals of Nuclear Science and Technology  OPNSTEED continues of Nuclear Science and Technology  OPNSTEED.	For all items subject to the EAR.	Case by case for all terms had on the term had on the CCL. Presumption of approval for EAR99 stems.	63 FR 64322 11/19/98 65 FR 1444 03/17/00. 67 FR 50099 10/01/01. 77 FR 53006 9/19/12.







#### Deemed Export Rule

- The obligation to determine whether a license is required before releasing controlled technology or source code to a foreign national is informally referred to as the "deemed export" rule.
- The release of controlled technology or source code to a foreign national in the U.S. is "deemed" to be an export to the home country or countries of the foreign national.







#### Nationality

Commerce Dept. looks to a foreign person's most recent country of citizenship or permanent resident



- Exempted from the Deemed Export Rule
  - A person granted U.S. citizenship
  - A person granted permanent residence/ status (i.e. "Green Card" holders)
  - A person granted status as a "protected individual" under 8 U.S.C. 1324b(a)(3).



## Deemed Reexport

- What is the "relationship" of this "new foreign national"?
- How was the transaction licensed?
- Were specific country restrictions imposed?
- Could license exception APR or other permissive re exports apply?

