



Sen. Laura M. Murphy

Filed: 3/27/2025

10400SB2424sam001

LRB104 12195 BDA 24318 a

1 AMENDMENT TO SENATE BILL 2424

2 AMENDMENT NO. _____. Amend Senate Bill 2424 by replacing
3 everything after the enacting clause with the following:

4 "Section 5. The Radiation Protection Act of 1990 is
5 amended by changing Section 34 and by adding Section 50 as
6 follows:

7 (420 ILCS 40/34) (from Ch. 111 1/2, par. 210-34)

8 (Section scheduled to be repealed on January 1, 2027)

9 Sec. 34. Intrastate shippers of irradiated nuclear reactor
10 fuel.

11 (a) All intrastate and interstate shippers ~~carriers~~ of
12 irradiated nuclear reactor fuel in the State of Illinois are
13 hereby required to notify the Agency no less than 7 days ~~24~~
14 ~~hours~~ prior to any transportation of irradiated nuclear
15 reactor fuel within this State of the proposed route, the
16 place and time of entry into the State, and the amount and the

1 source of the fuel. The Agency shall immediately notify the
2 Illinois State Police, which shall notify the sheriff of those
3 counties along the route of such shipment.

4 (b) As used in this Section: ~~For the purpose of this~~
5 ~~subsection,~~

6 ~~a "carrier" is any entity charged with transportation of~~
7 ~~such irradiated reactor fuel from the nuclear steam generating~~
8 ~~facility to a storage facility.~~

9 "Irradiated ~~For the purpose of this subsection,~~
10 "irradiated reactor fuel" means fuel that has been withdrawn
11 from a nuclear reactor following irradiation, the constituent
12 elements of which have not been separated by reprocessing ~~is~~
13 ~~any nuclear fuel assembly containing fissile-bearing material~~
14 ~~that has been irradiated in and removed from a nuclear reactor~~
15 ~~facility.~~

16 "Shipper" means the entity who offers the irradiated
17 reactor fuel for transportation into commerce or the agent of
18 an entity who offers the irradiated reactor fuel for
19 transportation into commerce.

20 (Source: P.A. 102-538, eff. 8-20-21.)

21 (420 ILCS 40/50 new)

22 Sec. 50. Collection, storage, and disposal of radiation
23 sources; fees. The Agency may collect, store, and dispose of
24 uncontrolled sources of radiation that have entered the public
25 domain and that the Agency considers to be a threat to public

1 health and safety or the environment. The Agency may assess
2 actual costs, as appropriate, for the collection, storage, and
3 disposal of uncontrolled sources of radiation that have
4 entered the public domain and that the Agency considers to be a
5 threat to public health and safety or the environment against
6 any person that owns, owned, possesses, or is responsible for
7 the radioactive material entering the public domain."