

Stable Isotope Products ... for the Nuclear Industry



${}^7\text{Li}$

Enriched Lithium Hydroxide Monohydrate for use as an alkalizing agent in pressurized water reactors.

${}^{64}\text{Zn}$
depleted zinc

Depleted Zinc in form of ZnO or acetate to reduce radiation in BWRs and PWRs and to reduce the potential for stress corrosion cracking in PWRs.

${}^{10}\text{B}$

Enriched Boric Acid for use as a chemical shim for excess neutron absorption in PWRs using high burnup or MOX fuel cores.

${}^{10}\text{B}$

For neutron absorption in control rods, storage racks and dry storage casks for spent fuel. Available as Iron Boride (FeB), Boron Carbide (B_4C) or Zirconiumdiboride (ZrB_2).

D_2O

Heavy Water (D_2O) is used as moderator in CANDU power plants and research reactors for labeling of compounds for biological and medical applications.

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