FYI – FUSION NEWS/ALERTS

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Tokamaks - Different approaches around the world
https://www.iter.org/newsline/-/4063
Latest ITER Newsline: [https://www.iter.org/whatsnew]

Creating loops of liquid lithium for fusion temperature control
https://www.pppl.gov/news/2024/creating-loops-liquid-lithium-fusion-temperature-control

First Ministerial Meeting of the IAEA World Fusion Energy Group to be held in Italy in November
https://www.iaea.org/newscenter/pressreleases/first-ministerial-meeting-of-the-iaea-world-fusion-energy-group-to-be-held-in-italy-in-november

Key industry report reveals increase in funding for fusion but challenges remain
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Gov't to invest $863.7 mil. into nuclear fusion research
https://www.koreatimes.co.kr/www/nation/2024/07/113_379088.html

Japan-UK enhance cooperation on fusion
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UW-Madison one step closer to harnessing the power of the sun through fusion research
https://www.wpr.org/news/uw-madison-one-step-closer-to-harnessing-the-power-of-the-sun-through-fusion-research

Realta Fusion and Wisconsin University record highest ever magnetic field in plasma experiment
https://www.neimagazine.com/news/realta-fusion-and-wisconsin-university-record-highest-ever-magnetic-field-in-plasma-experiment/?cf-view

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Turning ‘Ambition into Action’ at the 3rd Global Forum for Nuclear Innovation
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Building a Sun on Earth: ITER’s Historic Milestone in Fusion Energy Development
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LLNL Researchers Uncover Key to Resolving ICF Hohlraum Drive Deficit
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Fleischmann Proposes $9 Billion Boost for Advanced Nuclear Energy Projects
https://ww2.aip.org/fyi/fleischmann-proposes-9-billion-boost-for-advanced-nuclear-energy-projects

IAEA's Grossi highlights the growing promise of nuclear energy
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Heaviest element yet within reach after major breakthrough
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Oklo completes demonstration of advanced fuel recycling process
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Long Term Operation of Nuclear Fuel Cycle Facilities
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[Download] https://www-pub.iaea.org/MTCD/Publications/PDF/TE-2059web.pdf

Carbon pricing reduces emissions
https://www.nature.com/articles/d41586-024-02293-w

Recent Peer-Reviewed Articles of Interest

Research and economic evaluation on novel pulse superconducting magnet power supply topology with energy storage for fusion devices
https://www.sciencedirect.com/science/article/pii/S0920379624004514

Ion temperature and rotation velocity measurements of carbon and boron ions using VUV spectroscopy on EAST
https://pubs.aip.org/aip/rsi/article/95/7/073525/3303826/Ion-temperature-and-rotation-velocity-measurements

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