

Deer Creek State Park, Mt. Sterling, Ohio *November 5-7, 2013*



Discussion of DOE's National Recycling Policies

Impacts on Portsmouth of Potential Changes to DOE Policies

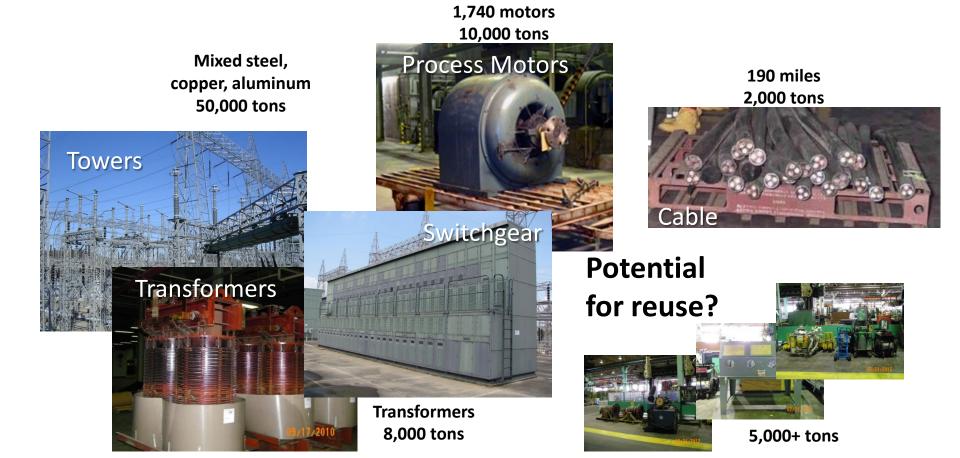
Jeremy Harley, PE Subject Matter Expert, Portsmouth Gaseous Diffusion Plant



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Potential For Recycle?





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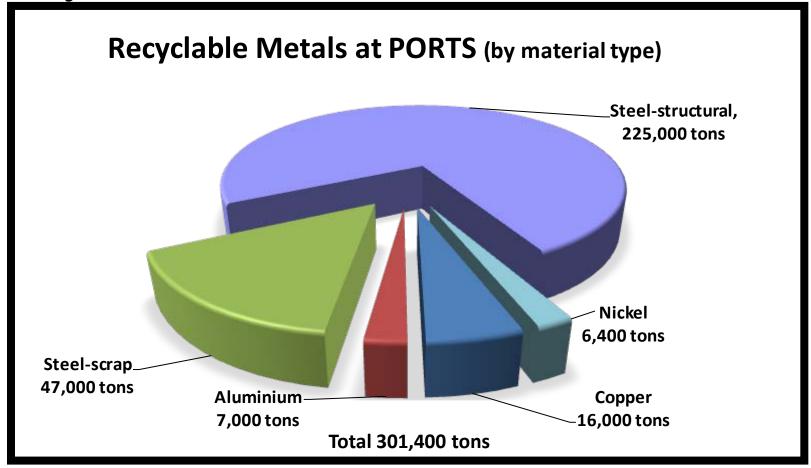




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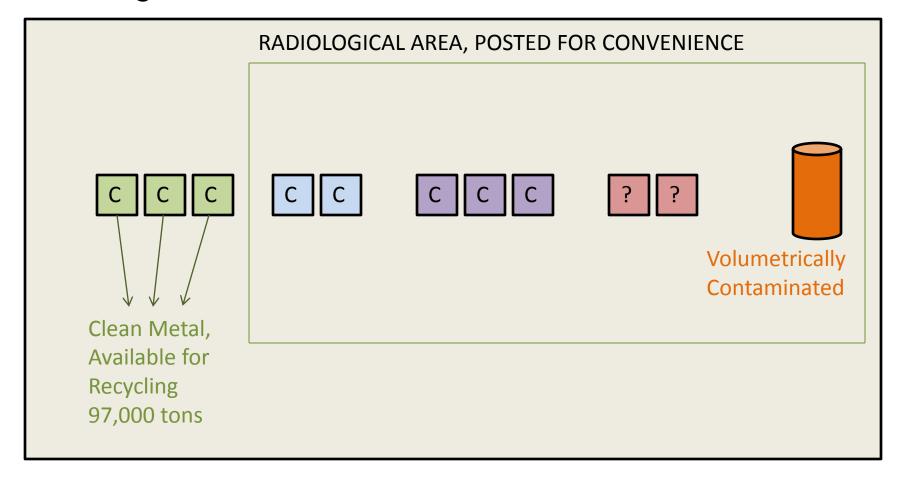
Asset Recycle & Reuse





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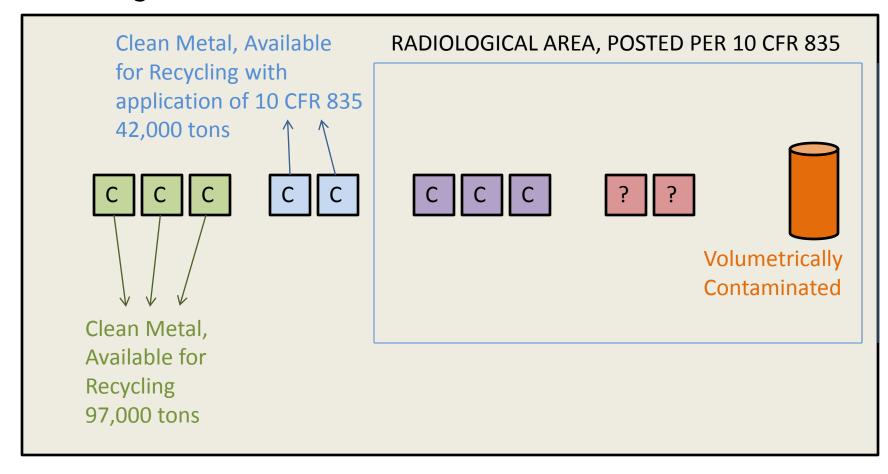






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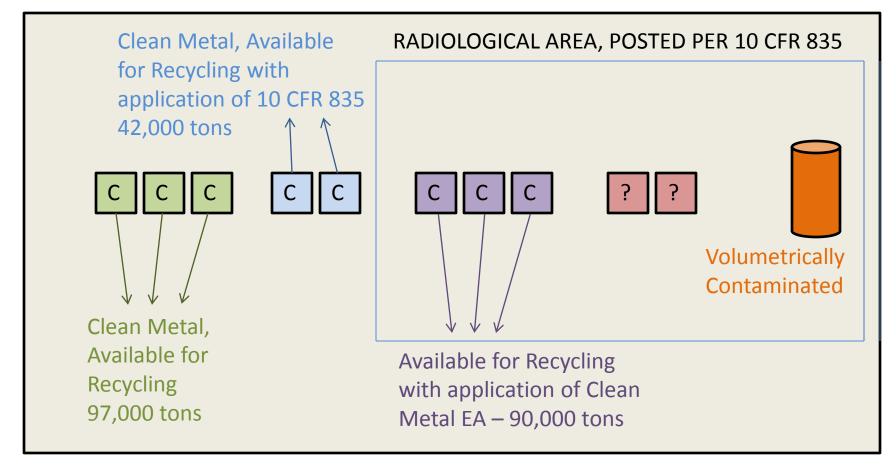






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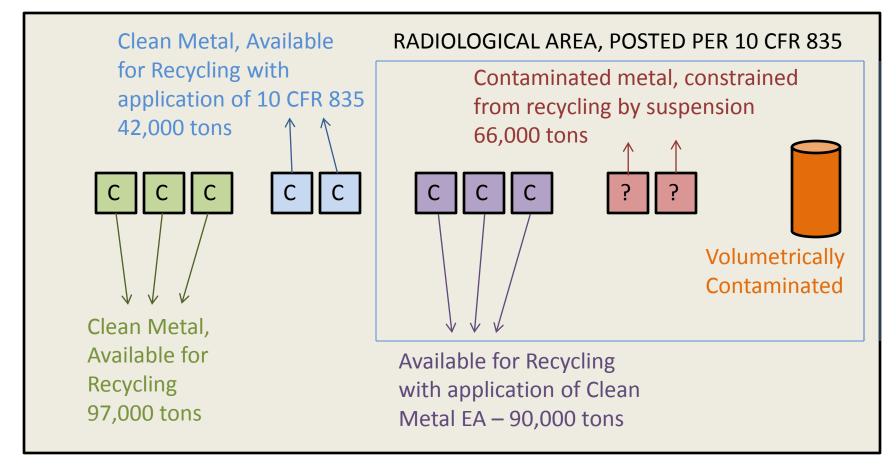






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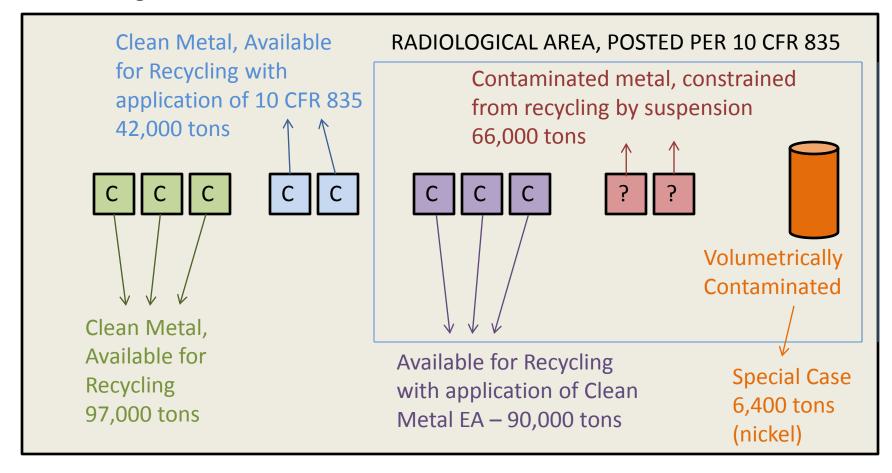






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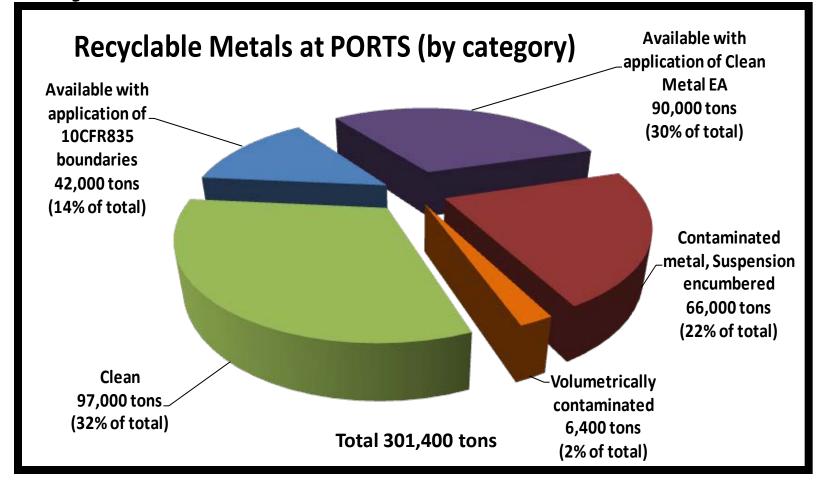




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Asset Recycle & Reuse



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Nickel

Volumetrically contaminated
Classified
Up to 30,300 tons
☐ PORTS – 6,400 tons
□ ORO – 5,600 tons
☐ PAD – 18,300 tons
Less than 1% of annual global nickel market
PORTS nickel requires removal from converters (segmentation) and purification
Segmentation
☐ Nickel will be removed from process gas equipment and safely stored
Activity incorporated into latest PORTS Lifecycle Cost Baseline
Purification
☐ Bench-scale treatability study for purification technology



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Questions

