With the huge amount of CCR scheduled to be relocated over the coming years, some of the many challenges being considered are timeline, site conditions and transport liabilities.

Martlin Distributing offers a solution in the form of a high performance drying agent well suited to better manage wet CCR materials.

Through a very unique manufacturing process we have been able to bridge the gap between bulking & stabilization products (that do not absorb well) and, super absorbing, high performance materials and AG fibers (that do not stabilize well).

Power Pellets is a unique, patent pending product that will not release absorbed liquid, and has proven equal to high-calcium lime and Portland cement in stabilization testing.

Power Pellets is a combination of re-purposed agricultural fibers and custom blended, super absorbent polymers, yielding a light-weight, fast reacting solidification product. Because of its superior absorption, far less material is required, thus reducing both site traffic and landfill fees.

Power Pellets will absorb more than five times their weight in free liquid, making it far more effective than other products available today, including high-calcium lime, sawdust and wood pellets. Video demonstrations can be found on our website, martlindistributing.com.

Power Pellets may be used for on-site blending in wet areas, or staging areas, prior to loading for transport.

Power Pellets may also be applied to the surface of CCR materials loaded into transport containers, whether rail car, intermodal container or dump truck, and during transport, as vibration causes entrained liquids to separate and rise to the top, Power Pellets will absorb, solidify and retain this liquid upon contact. The use of surface applied Power Pellets will substantially limit this liability.

Power Pellets are an environmentally friendly, beneficial reuse product, available in super sacks and via bulk delivery.

For more information, visit our website: martlindistributing.com, or call Mike Dorsch, 724-316-8780.
When transporting materials via road or rail, bulk packages are often used. A gondola rail car, intermodal container, dump truck or roll-off box are the most common types. With a lid or even with a plastic liner these packages fall under the Code of Federal Regulations (CFR 49 Chapter 173.240-242) and are considered “Non-DOT Specification Packaging & Closed Bulk Bins.”

Bulk packaging can be made of a variety of materials and in nearly endless configurations. What they all must do is contain the contents without spilling as they are not certified for liquids. If a solid waste or commodity has entrained liquids they cannot be allowed to separate or stratify into a liquid phase during transport. If that happens the following are a few of the more serious implications:

A. The shipper has violated DOT laws by shipping liquids in a non-certified package.

B. If spilled, leaked or released, a further violation of Federal, State and Local Laws has occurred.

C. The use of Power Pellets in each package can act as an insurance policy against liquids which may otherwise become separated due to compression and movement in transit. Power Pellets act as an interceptor for those entrained and released liquids.

D. Violations of State rules can also occur when a shipment with stratified liquids arrives at a licensed facility. In many states, a shipper risks having their license suspended should this occur and not be remedied properly.

E. Violations of a licensed landfill, or TSDF’s Waste Acceptance Criteria (WAC) can result due to separated liquids in a delivered load. WAC violations can negatively impact both the Shipper and Receiving Facility.

Adding a low volume, high capacity absorbent can insulate Owners and Contractors from these risks and minimize exposure. For more information, visit our website: martlindistributing.com, or call Mike Dorsch, 724.316.8780.