

NAVCO® Keeps Production Going by Getting Coal Flowing

THE BACKGROUND

A coal fired power plant in the Northern United States experienced sticking and bridging of coal in coal bunkers.

Do these problems sound familiar?

- Load limits due to fuel restrictions to the mills and furnace.
- "Hot Spots" created by spontaneous combustion of standing coal in the bunkers.
- Safety hazards during labor intensive manual clean-out procedures.
- Coal bunker damage as a result of sledge hammering.

THE SOLUTION

A NAVCO® field technician and the area distributor visited the plant to view the application and make recommendations. The proposed solution was a NAVCO® system featuring a BH 6 Impacting Vibrator on each of the eight coal bunker hoppers. A complete system was supplied which included all accessories required for proper operation and performance. A "No Flow" indicator was incorporated above each feeder to provide information to the control room as well as operate the vibrators. This control feature greatly increases the efficiency of the overall system.

NAVCO® Chute Vibrators also work great at coal plants – call to learn more about keeping coal pipes and chutes flowing at full capacity.

NAVCO® GETS RESULTS

- ✓ The plant now experiences continual coal flow providing maximum production efficiency.
- ✓ No more hammer damage to the hoppers.
- ✓ Reduced potential for "hot spot" combustion.
- ✓ Reduced safety hazards when cleaning bunkers.

WET, STICKY COAL IS NO MATCH FOR A BIG BH!

EASY OPERATION



EASY INSTALLATION

NAVCO® has been proactively solving material flow problems in coal fired power plants for over 30 years - Think NAVCO® - for expert solutions to any type of bulk material flow problem.

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