

AFTEK Inc
Demand Pulse MIG Welding
“the BEST welders you never heard of...”
An Unsolicited (sort of) Testimonial on Demand Pulse Overlay

Recently, I responded to a positive field report from Gene Foxx, and copied it to the distributor salesman involved. The top portion is his response to my remarks, redacted because he wants to protect his customer. But, the meat is there.

After I sent this out to the reps, a question came back on the deposition rate, wire and gas used, etc. Wire was .045 Inconel 625, 300 IPM (8.31 lbs./hr), straight Argon gas. This was out-of position, semiautomatic (manual) welding. The DPM-III control was used, R1 and R2 on high, and all 3 LEDs were firing. As you see below, no spatter, the end-user was astonished at the quality and ease of operation.

The distributor reports they intend to put this system in place at ALL their power plants. Make sure this information is widely distributed to YOUR power plant base!



Not only did it take only 3-5 minutes to set up, it performed better than ANYTHING they tried in the past. **GA Power Plant** usually contracts **Welding Services, Alan** to do the overlay @ \$125.00 per square foot. What we did manually looked better than what **Welding Service** *MOG250/250DPM 4-Pack* Does w/ automation. ALL present were astonished at the process and ease of operation. NO spatter, no problems. It worked GREAT. We also welded boiler pipe and the membrane wall w/ .035 E70S6 w/NO spatter and low heat input. SOLID fusion on both and great looking. This machine is w/o a doubt the most versatile power supply I've seen in my 35 years of selling and demonstrating welding equipment and at the price, almost 1/2 of Lincoln's STT and you don't need any manuals or computer programs to show you how to run it. Anyone can set up this machine and run it w/o any problems. This machine has a great future! ----
 -Original Message----- From: Bryant Reed [SMTP:ebreedy40@earthlink.net] Sent: Saturday, July 27, 2002 11:26 AM To: **John Murray@fluor.com** Cc: **charles.patrick@fluor.com**; **Keith Weathers**; **Dennis Reece**; **Gene Foxx**; **Dwayne Dutton** Subject: Overlay work at **Georgia Power**

Gene Foxx, AFTEK rep for Alabama and Georgia reports that he and **Dennis Reece with Red D Arc** did an AFTEK Demand Pulse MIG overlay for some maintenance work at Georgia Power. The job required an Inconel overlay of the membrane, using .045 Inconel 625 with straight Argon. **Dave Roberts** was the **Fluor** supervisor, and several welders took part. Using a background amperage of 150 on the AFTEK MV445DPM-III (same as the one you are testing) they produced what Dave Roberts said were great looking overlays. They will have to run some tests but are confident they will pass and they will have need for 4 machines. One of the main attractions was the ease of operation, and no need to constantly adjust the machine. Took about five minutes to arrive at the final settings, and they never touched it again. The Miller inverters previously used took 2 hours to "tune-in" and required adjustments often, according to Mr. Roberts.



MV300DPM-III

They plan to set an AFTEK power supply at each corner outside of the boiler building and run the cables in from there. Since little or no adjusting will be required, having the power source outside will pose no problem.

Best Regards,
 Bryant Reed National Sales Manager AFTEK Inc.
 "the BEST welders you never heard of..."



MV445DPM-III

Power Plant sales have been increasing steadily, as we spread the word about this type work, as well as replacement GRIDS. Several orders over the past year have resulted from Power Plant Managers learning **there IS a source for grids – AFTEK!**