

## CHAIRMAN Resource

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**From:** Marv Lewis <marvlewis@juno.com>  
**Sent:** Tuesday, November 15, 2016 1:14 PM  
**To:** Cuadrado, Jose R; donnagilmore@gmail.com; kevin@beyondnuclear.org; CHAIRMAN Resource  
**Subject:** [External\_Sender] Misleading tests

Dear Mr. Cuadrato,

Thank you for allowing me to listen up to the 11/14/16 meeting on Holtec's testing. I attempted to present comments at the end, but was interrupted as being repetitive of staff's remarks. I add these remarks as pointing out that I was not repetitive, but trying to use the staff's points to present further concerns beyond what the staff made.

The tests were limited and did not show that peening could also increase and speed failures.

The only corrosion test showed that testing with flowing water did not increase corrosion. Stagnant areas as would be this case may give worse results.

Peening roughens surfaces often. Rougher surfaces may lead to increased corrosion and more cracking. Both are an aging management concern.

The staff should look into added problems from peening and why the testing did not show both pluses and minuses in peening.

The illustration of a hook on a fighter was impressive except it did not show that the navy assures that the hook and catapult are always greased reducing failures to near zero.

Respectfully,

Marvin Lewis, R.P.E. (Retired)