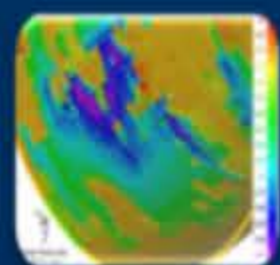


# got fac?



**Code Boundary Repairs**



**Finite Element Analysis**



**Section VIII / III Fabrication**



**Fitness for Service**



**Crack Mitigation**



**Materials Supply**



**Welding Services**



**Field Management Services**

**TRUST** - Our award winning repair and restoration solutions have been deployed more than 300 times, with installations in more than 50% of nuclear utilities in the United States. To date, we maintain a 100% on-time delivery record. We work with our clients 24/7 to ensure the job is done right each and every time.

**VALUE** - Whether providing Finite Element Analysis to optimize available margin, or developing and deploying customized pressure boundary restoration components – our solutions are designed to save outage duration and provide the least cost option.

**FOCUS** – Specializing in ASME Code Compliance evaluation and repairs in support of plant operation, license renewal, and EPU. PMC Engineering and Consolidated Power maintain a network of “Best of Breed” strategic partners in various disciplines to maintain and bring plants **online, on time, every time.**



**STAMPED COMPONENTS FOR PRESSURE BOUNDARY REPAIRS**

**EPRI TECHNOLOGY TRANSFER AWARD WINNER**

[www.pmcengineering.com](http://www.pmcengineering.com) | Pottstown, PA 19465 USA | 610.495.9750

**ONLINE. ON TIME. EVERY TIME.**



**CONSOLIDATED  
POWER SUPPLY**  
NUCLEAR CERTIFIED PRODUCTS

# get capped.

## THE ONLY PERMANENT, NON-INSTRUSIVE, CODE COMPLIANT RESTORATION OF PRESSURE BOUNDARIES.

- PMC Components are ASME Code compliant and accepted by the National Board Inspection Code (NBIC), API-510, and Nuclear Regulatory Commission (NRC)
- A quicker and cost effective alternative to flush patch and weld overlay methods
- PMC Components are welded to the outside or inside surface using full penetration welds
- Components form a new pressure boundary that encapsulates eroded/corroded areas
- Code restoration is obtained without breach of pressure boundary or removal of degraded material, thus preventing foreign matter intrusion
- PMC Components can be constructed from any Code approved material and are available with corrosion resistant liners or weld overlay



U.S. PATENT 6,860,297

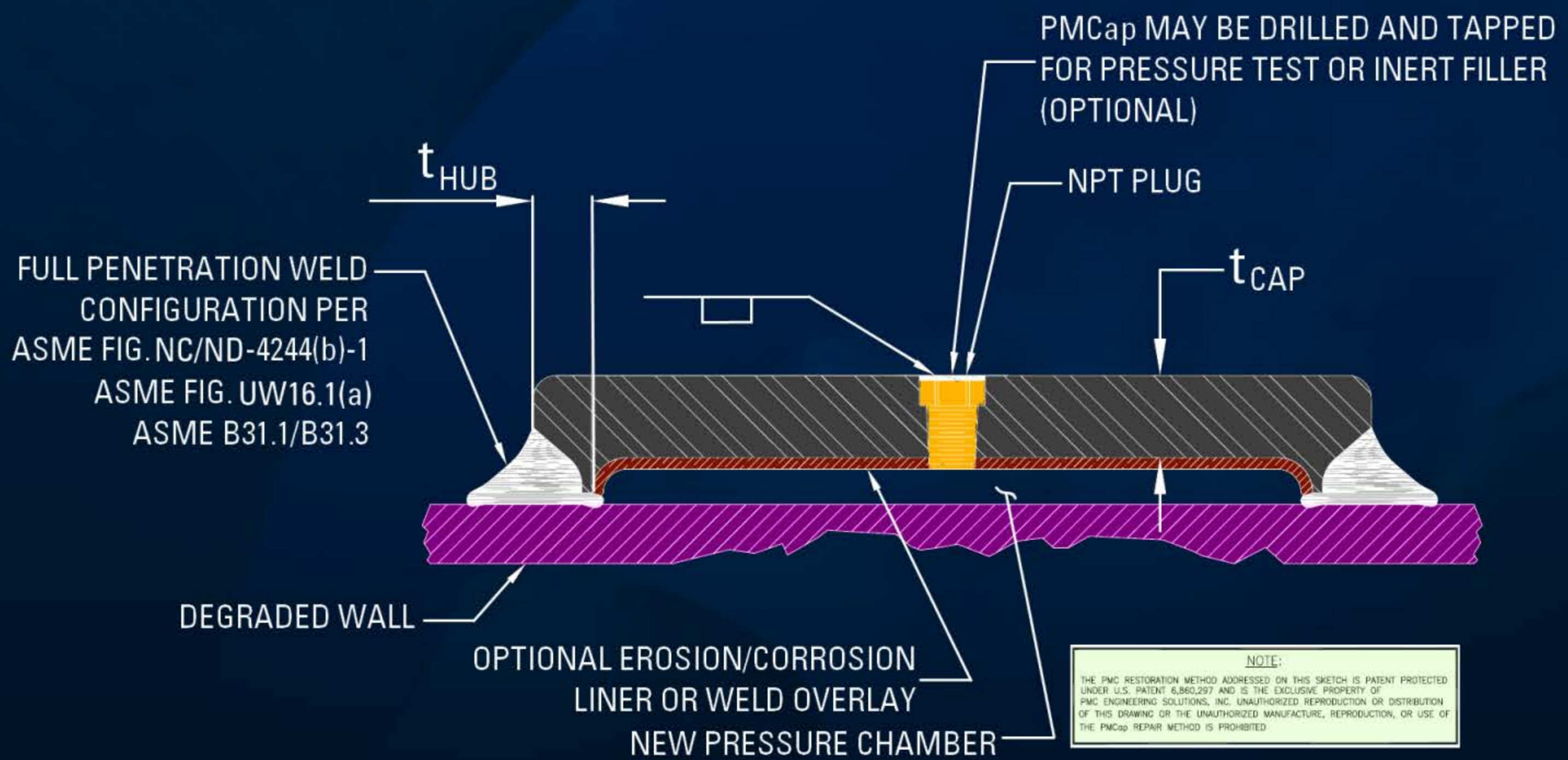


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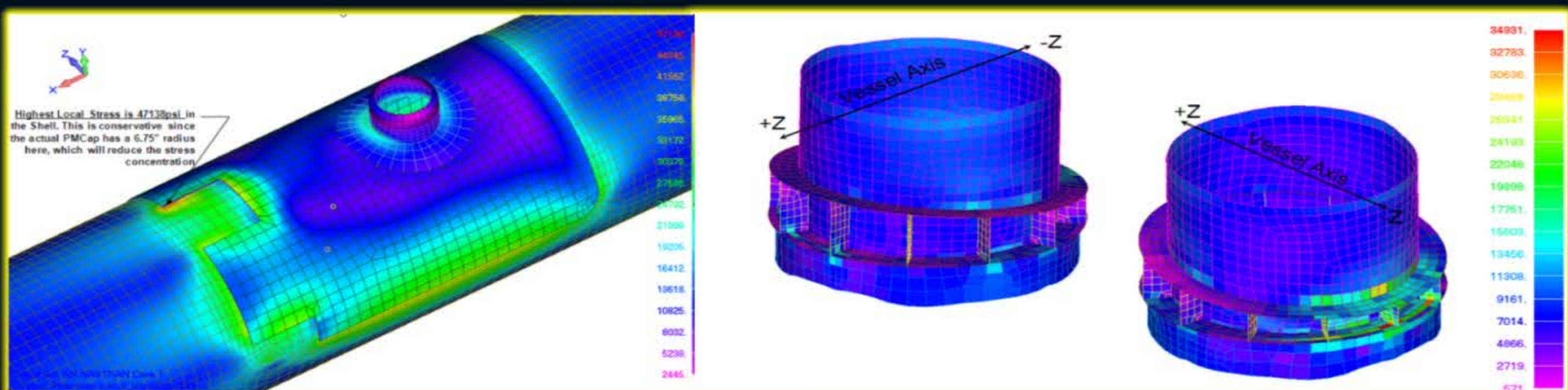


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NUCLEAR CERTIFIED PRODUCTS

# TYPICAL PMCap DESIGN



Our custom code compliant product line is the first and only of its kind. Originally designed to offer a better and faster alternative to traditional flush patch window replacements and weld overlay repairs, our products have been engineered to deliver cost effective solutions for almost any pressure retaining applications.



**OUR CLIENTS HAVE SAVED MILLIONS IN EQUIPMENT REPAIRS AND PLANT DOWNTIME. LET US DO THE SAME FOR YOU.**



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<b>PRODUCT COMPARISON</b>	<i><b>PMCap</b></i>	<b>Flush Patch</b>	<b>Weld Overlay</b>	<b>Lap Plate</b>
Code Compliant	✓	✓	✓	✗
Cost Effective	✓	✗	✗	✗
Permanent Repair	✓	✓	✓	✗
Minimizes Downtime	✓	✗	✗	✓
Easy to Install	✓	✗	✗	✓
Eliminates Pressure Boundary Breach	✓	✗	✗	✓
Eliminates Foreign Matter Intrusion	✓	✗	✗	✓
Eliminates Potential Internals Damage	✓	✗	✗	✓
Eliminates Risk of Vessel Distortion	✓	✗	✓	✓
Eliminates Personnel Exposure	✓	✗	✗	✓
Minimizes Weld Prep	✓	✗	✓	✓
Includes Erosion/Corrosion Lining	✓	✗	✗	✗
Can be Implemented on any Vessel, Piping or Nozzle	✓	✓	✗	✓
The Final Word in Pressure Boundary Repair	✓	✗	✗	✗