

Poehler, Jeffrey

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**From:** Garmon, David *NRK*  
**Sent:** Friday, September 07, 2012 8:18 AM  
**To:** Poehler, Jeffrey  
**Subject:** RE: Research on Hydrogen Cracking in Reactor Vessels Related to Doel 3

Jeff,

Thanks for your call. I have not found anything yet. Most of the older documents I have reviewed deal with embrittlement and cracking along nozzles with dissimilar welds. I also found a few cases that we addressed dealing with flaws along girth welds (e.g. 1984 IP 2).

I will keep looking.

Have a great weekend,  
Dave

**From:** Poehler, Jeffrey *NRK*  
**Sent:** Thursday, September 06, 2012 4:18 PM  
**To:** Garmon, David  
**Subject:** Research on Hydrogen Cracking in Reactor Vessels Related to Doel 3

Dave,

I just wanted to touch base and see if you had found anything related to hydrogen cracking (flaking) in reactor vessels that the NRC may have investigated during the 1980's.

I'll be working at home on Friday, September 5 but will be back in the office on Monday.

Thanks,

Jeffrey C. Poehler  
Sr. Materials Engineer  
NRR/DE/EVIB  
(301) 415-8353

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