

## Masters, Anthony

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**From:** Heher, Elaine  
**Sent:** Wednesday, October 14, 2009 3:25 PM  
**To:** Masters, Anthony  
**Subject:** crystal river

Hey,

You probably already have enough information to start with your inspection at crystal river, but I found some info that may help you in your investigation:

1. DEGRADATION OF PRESTRESSING TENDON SYSTEMS IN PRESTRESSED CONCRETE CONTAINMENTS (NRC INFORMATION NOTICE 99-10, REVISION 1 <http://www.nrc.gov/reading-rm/doc-collections/gen-comm/info-notices/1999/in99010r1.html> <http://nrr10.nrc.gov/rorep/airs/00003075.html>

2. INSPECTION PROCEDURE 46053

3. Regulatory Guide 1.107, Qualifications for Cement Grouting for Prestressing

Tendons in Containment Structures.

[http://adamswebsearch2.nrc.gov/idmws/doccontent.dll?library=PU\\_ADAMS^PBNTAD01&ID=003957375](http://adamswebsearch2.nrc.gov/idmws/doccontent.dll?library=PU_ADAMS^PBNTAD01&ID=003957375)

4. Reg Guide 1.90 Inservice Inspection of Prestressed Concrete Containment Structures with Grouted Tendons

[http://adamswebsearch2.nrc.gov/idmws/doccontent.dll?library=PU\\_ADAMS^PBNTAD01&ID=003957313](http://adamswebsearch2.nrc.gov/idmws/doccontent.dll?library=PU_ADAMS^PBNTAD01&ID=003957313)

5. Reguide 1.35 Inservice Inspection of Ungrouted Tendons in Prestressed Concrete Containments

[http://adamswebsearch2.nrc.gov/idmws/doccontent.dll?library=PU\\_ADAMS^PBNTAD01&ID=003957100](http://adamswebsearch2.nrc.gov/idmws/doccontent.dll?library=PU_ADAMS^PBNTAD01&ID=003957100)

6. Reg Guide 1.35.1 Determining Prestressing Forces for Inspection of Prestressed Concrete Containments

[http://adamswebsearch2.nrc.gov/idmws/doccontent.dll?library=PU\\_ADAMS^PBNTAD01&ID=003957125](http://adamswebsearch2.nrc.gov/idmws/doccontent.dll?library=PU_ADAMS^PBNTAD01&ID=003957125)

7. Letter subject: SUBJECT:CRYSTAL RIVER UNIT 3 - ISSUANCE OF AMENDMENT RE: CONTAINMENT TENDON SURVEILLANCE (TAC NO. M74563) <http://nrr10.nrc.gov/ser/se01/m74563.htm>

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