

SUMMARY OF RESULTS - COMPARISON OF ACTIVE PWR NUCLEAR PLANTS

(Based on Data Collected As Of 10/27/09)

ITEM	COUNT	REMARKS
Total Number of PWR Plants	42 Plants 69 Units	
Total Number of Units With 3-D Post-Tensioned Concrete Containment	18 Plants 32 Units	
Data Collected From Total Number of Plants and Units	17 Plants 30 Units	
No of Plants Replaced Steam Generator	14 Plants 22 Units	
No of Plants and Units Made Opening in Concrete	9 Plants 13 Units	CR3, ANO 1&2, Byron 1, Braidwood 1, TMI 1 ⁽²⁾ , Oconee 1,2,3; San Onofre 2, Palisades, Turkey Pt 3&4
Number of Units Used Hydroblasting	8	CR3, ANO 1, TMI 1, Oconee 1,2,3, Turkey Pt 3&4
Number of Units Used Other Methods (Chipping, Impact Hammer, etc.)	5	ANO 2, Byron 1, Braidwood 1; San Onofre 2, Palisades
Number of Units With 3 Buttresses	20	
Number of Units With 6 Buttresses	10	CR3, Oconee 1,2,3; TMI 1, Calver Cliffs 1&2; Palisades, Turkey Pt 3&4
Number Plants and Units Having Continuous Reinforcement on Both Faces of Containment Wall	10 plants 18 units	
Number Units Not Having Continuous Reinforcement on Inside Face of Containment Wall	8 plants 14 units	CR3, ANO 1&2; Byron 1&2; Braidwood 1&2; TMI 1, Oconee 1,2,3; Palisades, Turkey Pt 3&4
Number Units Having Ties/Stirrups Connecting Both Faces	7 plants 12 units	Farley 1&2; Vogtle 1&2; Summer; STP 1&2; Wolf Creek, San Onofre 2&3; Calver Cliffs 1&2
Number of Units detensioned all tendons within cut out area prior to cutting concrete	14	CR3, ANO 1&2, Byron 1, Braidwood 1, TMI 1, Oconee 1,2,3; San Onofre 2, Turkey Pt 3&4
How many Units detensioned additional tendons beyond the cut out area prior to cutting concrete	11	ANO 2 ⁽¹⁾ , Byron 1, Braidwood 1, TMI 1, Oconee 1,2,3; San Onofre 2&3; Turkey Pt 3&4

(1) For ANO Unit 1: The additional tendons around the construction opening were detensioned during or after the creation of the construction opening.

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(2) TMI 1 Steam Generator Project is in progress.

DETENSIONING DETAILS

Sequence No.	Plant and Unit	Detail of Detensioning Within Open Area		Contact Name
		By Cutting (Burning)	By Relaxation	
1	CR3	V =6, H = 17	V=2	
2	ANO 1	NONE	V=6, H= 16	Jim Hale 479-858-4712
3	ANO 2	NONE	V=6, H= 18	Jim Hale 479-858-4712
4	BYRON 1	NONE	V= 9, H=16	Jay Smith 815-406-2604 jay.smith@exeloncorp.com
5	BRAIDWOOD 1	NONE	V= 9, H=16	Jay Smith 815-406-2604 jay.smith@exeloncorp.com
6	TMI 1	V = 11, H=19	NONE	John Piazza 717-948-8377 john.piazza@exeloncorp.com
7	OCONEE 1	V=12, H=28	NONE	Robert Hester [Robert.Hester@duke-energy.com] <i>Mark J. Ferlisi,</i> 704-382-3923
8	OCONEE 2	V=12, H=28	NONE	same as above
9	OCONEE 3	V=12, H=28	NONE	same as above
10	San Onofre 2	Replaced the tendons V=12, H=22		Dave M. Schafer, P.E. Steam Generator Replacement Project 949-368-9369 schafedm@songs.sce.com
11	San Onofre 3	Replaced the tendons V=12, H=22		same as above

Detail of Detensioning Questions:

Detensioned by Cutting? _____ How Many? _____.

Detensioned by Relaxation? _____ How Many? _____.