

**Mitman, Jeffrey**

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**From:** Wilson, George *nrk*  
**Sent:** Monday, June 07, 2010 7:20 AM  
**To:** Mitman, Jeffrey; James, Lois; Shoop, Undine  
**Subject:** FW: ICM Inspection Plan.doc  
**Attachments:** ICM Inspection Plan.doc

fyi

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**From:** Rapp, Curtis *rtt*  
**Sent:** Friday, June 04, 2010 3:42 PM  
**To:** Stang, John; Khanna, Meena; Kulesa, Gloria; Wilson, George  
**Subject:** ICM Inspection Plan.doc

FYI

## INSPECTION PLAN

Inspection of: Oconee

Inspection Dates: 6/7 – 6/11

Report Number: 2010-006

Type of Inspection: Confirm external flood ICMs

Planned Inspection Hours: 120

Inspector(s): Curt Rapp (Lead)  
Walt Rogers, RII SRA  
Kamishan Martin

Inspection Objectives: Verify ICMs have been implemented and will provide reasonable assurance they will be effective in mitigating the effects of Jocassee dam failure.

Past Plant Performance in This Inspection Area: NA

Risk-informed Inspection: (NEED ANY INSIGHTS FROM NRR OR WALT)

Projects Branch Chief/Senior Resident Perspective: NA

Allegation Awareness:

Outstanding Items to Be Reviewed: External flood ICMs

Lodging During Inspection: Curt Rapp – Hilton Garden Inn Anderson, SC

In Charge of Exit Interview: Curt Rapp

Date Projects Informed: NA

Date Plan Provided to Projects: NA

Date Licensee Informed: Licensee Contact: Bob Meixelle

Branch Chief's Instructions:

Approving Branch Chief: \_\_\_\_\_ Date:

## Oconee ICM Inspection Matrix

ICM	Assigned Inspector	Inspectable Area	Inspection Tasks	IPs	Estimated Hours	
					In-Office Prep	On-Site Inspection
	Dam Safety Inspections					
Bi-weekly dam walkdown	Curt	Procedures Responsibilities Corrective Actions	Interview operators to assess their understanding of responsibilities and event response Review procedures for acceptance criteria and required actions Verify corrective actions	711121, 93801, 42001, 71152	3	5
2" or > rainfall	Curt					
Daily dam observation	Curt					
Annual FERC Report	Kamishan	Corrective Actions	Review reports for any adverse trends or observations. Verify corrective actions	71152	4	4
5 yr independent	Kamishan					
	Instrumentation/Monitoring					
Monthly observation wells and seepage collection monitoring	Walt	Procedures Corrective Actions Responsibilities	Review procedures for acceptance criteria and actions if exceeded. Review monitoring logs and process for indication of adverse trend. Verify corrective actions for either condition. Review procedures for actions and criteria. Interview staff to verify understanding of actions consistent with procedures.	711121, 93801, 71152	4	6
Inspection of monitoring wells and seepage collection after "felt" seismic event	Walt				1	2
Annual surface monument survey	Walt	Corrective Actions	Review reports for any movement. Verify corrective actions	71152	2	3
On-site control room staff	Kamishan	Responsibilities Procedures	Review procedures to assess required actions. Interview staff to assess their understanding of responsibilities and verify consistent with procedures.	711121, 93801, 42001	2	3
Hydro central ops center	Curt					
Forebay camera feed to control room	Kamishan	Procedures Responsibilities	Interview staff to assess their use of these cameras for event response. Review procedures to verify cameras included in response actions	711121, 93801, 42001	2	7
Staff gauge camera						
Fixed staff gauge camera fed to control room and Hydro central	Kamishan					
Forebay and tail race instrumentation monitored by control room and Hydro central	Curt	Procedures Calibration Corrective Actions	Check calibration of instruments and verify alarm setpoints consistent with assumed response. Review response procedures. Verify corrective actions for any deficiencies.	711121, 93801, 42001, 71152		
Seismographs around reservoir	Walt					

	Emergency Procedures/Plan					
Dam and ONS flooding response procedures	Walt	Procedures Calibration Corrective Actions Responsibilities Training	Review procedures for actions and criteria. Interview staff to verify understanding of actions consistent with procedures. Verify corrective actions for any deficiencies. Review lesson plans and simulator training.	42001, 71152, 93801	3	4
Emergency Action Plan	Kamishan	Emergency Plan Procedures Training Responsibilities	Review emergency plan. Review procedures for actions and criteria. Interview staff to verify understanding of actions consistent with procedures. Review lesson plans and emergency drills.	7111140 3, 7111140 6, 82001,	3	8
Call tree notification to ONS	Kamishan					
Call tree notification to off-site organizations	Kamishan					
ONS EP implementation	Kamishan					
OSAG and ERO direction	Kamishan					
Recovery actions to restore electrical after flood water recede (~10 hours)	Curt					
Keowee FD respond to site	Curt					
EM 5.3 for flood > 803.5'	Curt	Procedures Responsibilities Corrective Actions	Review procedures for actions and criteria. Verify actions can be accomplished within the required time. Review corrective actions for any deficiencies. Verify actions consistent with B5b plan.	TI-171	3	4
- Staging of B.5.b pump						
- Shutdown of ONS units w/i 1 hour						
Containments (fail > 59 hrs after dam break)	Curt					
B.5.b Strategies	Curt					