

V. C. SUMMER NUCLEAR STATION Alpha Hot Leg Evaluation and Repair





INTRODUCTIONS

Greg Halnon General Manager, Engineering Services





V. C. Summer Station Alpha Hot Leg Evaluation & Repair







Name	Current Position	Team Role
Greg Halnon	General Manager, Engineering	Project Sponsor
Deb Maselue	Caparal Managar, Stratagia	Dreis et Crencer
BOD Waselus	Planning & Development	Project Sponsor
Ron Clary	Manager, PLEX	Project Manager
Al Paglia	Supervisor, PLEX Engineering	Assistant Project Manager
Terry McAlister	Supervisor, Quality Control	Inspection Overview
Jim Callicott	Supervisor, Craft Training	Project Assistant
Tim Franchuk	Supervisor, Quality Assurance	QA Lead
Barry Mather	Quality Specialist	QC/NDE Lead
Gary Moffatt	Manager, Design Engineering	Root Cause / Engineering Evaluation Lead
Steve Furstenberg	Manager	Repair Lead
Mel Browne	Manager, Licensing	Licensing Lead
Napoleon Johnson	Senior Engineer, Outage Scheduling	Scheduling Lead
Duke Bell	Project Specialist, Engineering	Project Planning &
		Scheduling Lead
L. A. Blue	Manager, Health Physics	HP Lead





Name	Current Position	Team Role
Steve Eisenhart	PII-Vice President & Partner	Root Cause / Failure Analysis
Jack Lance	EPRI-Area Manager / Plant Technology	Materials / NDE
Mike Clary	Florida Power Corporation- Mechanical Engineer	Root Cause / Failure Analysis
Jim Derrico	G. A. Grace, IncSenior Consultant	Welding / Materials
Warren Bamford	Westinghouse-Fellow Engineer	Fracture Mechanics
Gutti Rao	Westinghouse-Advanced Technical Engineer	Root Cause / Failure Analysis
Jim Munson	WesDyne-Vice President of Operations	NDE / Inspection
Clyde Cheezem	DESI-Business&Technical Support Manager	NDE / Inspection
John Marshall	PII-Consultant / Engineer	Root Cause / Failure Analysis
Steve Fyfitch	Frametone-Supervisor, Materials & Structural Analysis Unit	Root Cause / Failure Analysis



























































10 yr ISI successfully completed





Stm Gen replacement RF8



Dec.-1994





Routine boron inspections find boron in unexpected areas



Oct.7, 2000



RF12 Starts













































C C Confirmed by partial PT

Oct 12,2000

4 hour NRC report filed

Oct 12,2000









Confirmatory NRC report filed



Oct 12,2000

SCE&G team established



Oct 12,2000





External team contacts made and NRC conference call held.

Oct 13,2000





Oct 16,2000





































































Second NRC conference call

Oct.20,2000

Repair strategy decision made



Oct.20,2000





Integrated Strategy

- Three Key Areas of Resolution
 - -Failure Analysis
 - -Repair
 - -Restart Justification







End Point of This Effort

- Conclusion will be:
 - "A" Hot Leg is unique OR
 - Commonalties are addressed in other welds
- Plant will be safe for start up through:
 - Pipe and weld(s) meet code requirements
 - Repair will bound probable failure scenarios





Summary

- Industry experts to augment VCSNS staff
- 3rd party reviews to ensure:
 - Comprehensive strategy
 - Technical Adequacy
 - Regulatory Compliance
- Failure will be understood and resolved prior to restart
 - Safety foremost
 - Actions to prevent recurrence
 - Extent of conditions addressed

