

Title	Storage Ring Process Water Pumps' Obsolete Controller Replacement		
Project Requestor	Swetin		
Date	03/03/2008		
Group Leader(s)	Goepner		
Machine or Sector Manager	Quintana		
Category	Obsolescence/Spares		
Content ID*	APS_1253317	Rev.	1

*This row is filled in automatically on check in to ICMS. See Note ¹

Description:

Start Year (FY)	2008	Duration (Yr)	2
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Objectives:

Maintain machine reliability by insuring that installed equipment is fully supported by manufacturer and spare parts are available.

Benefit:

Maintain machine reliability

Risks of Project: See Note ²

No known risks.

Consequences of Not Doing Project: See Note ³

Present controllers have not been manufactured for 7 years. Refurbishing is still available by other than manufacturer but no firm commitment of how long this support will remain can be obtained.

Cost/Benefit Analysis: See Note ⁴

New controllers will have to be installed in not too distant future. Emergency type installation will result in increased installation cost and potentially increased beam down time.

Description:

Install 18 new controllers. Purchase additional 3 spare controllers.

Funding Details

Cost: (\$K)

160.00

Year	AIP	Contingency
1	110	
2	50	
3		
4		
5		
6		
7		
8		
9		
Total	160	

Contingency may be in dollars or percent. Enter figure for total project contingency.

Effort: (FTE)

The effort portion need not be filled out in detail by March 28

Year	Mechanical Engineer	Electrical Engineer	Physicist	Software Engineer	Tech	Designer	Post Doc	Total
1								0
2								0
3								0
4								0
5								0
6								0
7								0
8								0
9								0

Notes:

¹ ICMS. Check in first revision to ICMS as a *New Check In*. Subsequent revisions should be checked in as revisions to that document i.e. *Check Out* the previous version and *Check In* the new version. Be sure to complete the *Document Date* field on the check in screen.

² **Risk Assessment.** Advise of the potential impact to the facility or operations that may result as a consequence of performing the proposed activity. Example: If the proposed project is undertaken then other systems impacted by the work include ... (If no assessment is appropriate then enter NA.)

³ **Consequence Assessment.** Advise of the potential consequences to the facility or to operations if the proposal is not executed. Example: If the proposed project is not undertaken then ____ may happen to the facility. (If no assessment is appropriate then enter NA.)

⁴ **Cost Benefit Analysis.** Describe cost efficiencies or value of the risk mitigated by the expenditure. Example: Failure to complete this maintenance project will result in increased total costs to the APS for emergency repairs and this investment of ____ will also result in improved reliability of _____. (If no assessment is appropriate then enter NA.)