Exhibit No (KKS-7)
BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION
DOCKET NO. UE-150204
DOCKET NO. UG-150205
EXHIBIT NO(KKS-7)
KAREN K. SCHUH
REPRESENTING AVISTA CORPORATION



Nine Mile Rehab Program

WUTC Review 05.07.2015

Investment Name:	Nine Mile Rehab Program	I								
Requested Amount	\$90,913,000	Assessments:								
Duration/Timeframe	8 Year Project	Financial:	14.00%							
Dept, Area:	GPSS	Strategic:	Generating Plant Modernization							
Owner:	Andy Vickers	Business Risk:	Business Risk Reduction >10 and <= 15							
Sponsor:	Jason Thackston	Project Risk:	High certainty around cost, schedule and resources							
Category:	Project	I								
Mandate/Reg. Reference:	n/a	Assessment Score:	112 Annual Cost Summary - Increase/(Decrease)							
Recommend Project Descr	iption:		Performance	0	Capital Cost	08.0	// Cost	Oth	er Costs	Business Risk Score
This program is to rehabilit	ate and modernize the 4 unit Nine Mile HED. This progr	am includes projects	increase	\$	90,913,000	\$	-	\$	-	4
to replace Units 1 and 2 wh	ich are more than 100 years old and are wore out. In ac	ddition, a new	capacity,							
warehouse will be construc	ted, new tail race gate system will be added, new groun	ding and	energy, and							
communications will be ad	ded, a barge landing will be added, a cottage will be rem	oved and another	renewable							
remodeled, a new panel ro	om will be added, Units 3 & 4 will be overhauled and mo	odernized, the	credits. (REC's)							
powerhouse will be restore	d, a new access gates and controls will be added and ot	her improvements will								
be made.										
					A1.CA	-		/rp	\	
				Annual Cost Summary - Increase/(Decrease)					I	
All of			5.5							B 1 B115
Alternatives:			Performance	_	Capital Cost		A Cost	Oth	er Costs	Business Risk Score
Alternatives: Unfunded Project:	Currently both Units 1 and 2 are tagged out of service of		Performance n/a	\$		\$	A Cost	Oth \$	er Costs	Business Risk Score 16
	mechanically wore out. A FERC license amendment ha			_			A Cost	Oth	er Costs	
				_			A Cost	Oth \$	er Costs	
Unfunded Project:	mechanically wore out. A FERC license amendment ha replace these units.		n/a	s	apital Cost	\$	•	\$	er Costs	
Unfunded Project: Alternative 1: Brief name	mechanically wore out. A FERC license amendment ha		n/a describe any	_			A Cost	Oth \$	er Costs	
Unfunded Project: Alternative 1: Brief name of alternative (if	mechanically wore out. A FERC license amendment ha replace these units.		n/a describe any incremental	s	apital Cost	\$	•	\$	er Costs - -	
Unfunded Project: Alternative 1: Brief name	mechanically wore out. A FERC license amendment ha replace these units.		n/a describe any incremental changes in	s	apital Cost	\$	•	\$	er Costs	
Unfunded Project: Alternative 1: Brief name of alternative (if applicable)	mechanically wore out. A FERC license amendment ha replace these units. Describe other options that were considered		n/a describe any incremental	s	apital Cost	\$	•	\$	er Costs	
Unfunded Project: Alternative 1: Brief name of alternative (if applicable) Alternative 2: Brief name	mechanically wore out. A FERC license amendment ha replace these units.		n/a describe any incremental changes in	s	apital Cost	\$	•	\$	er Costs	
Unfunded Project: Alternative 1: Brief name of alternative (if applicable)	mechanically wore out. A FERC license amendment ha replace these units. Describe other options that were considered		n/a describe any incremental changes in operations	s	apital Cost	\$	-	\$	er Costs	16 4
Unfunded Project: Alternative 1: Brief name of alternative (if applicable) Alternative 2: Brief name	mechanically wore out. A FERC license amendment ha replace these units. Describe other options that were considered		n/a describe any incremental changes in operations describe any	s	apital Cost	\$	-	\$	er Costs	16 4
Unfunded Project: Alternative 1: Brief name of alternative (if applicable) Alternative 2: Brief name of alternative (if	mechanically wore out. A FERC license amendment ha replace these units. Describe other options that were considered		n/a describe any incremental changes in operations describe any incremental	s	apital Cost	\$	-	\$	er Costs	16 4
Unfunded Project: Alternative 1: Brief name of alternative (if applicable) Alternative 2: Brief name of alternative (if applicable)	mechanically wore out. A FERC license amendment ha replace these units. Describe other options that were considered		n/a describe any incremental changes in operations describe any incremental changes in	s	apital Cost	\$	-	\$	er Costs	16 4
Unfunded Project: Alternative 1: Brief name of alternative (if applicable) Alternative 2: Brief name of alternative (if applicable)	mechanically wore out. A FERC license amendment ha replace these units. Describe other options that were considered Describe other options that were considered		n/a describe any incremental changes in operations describe any incremental changes in operations	s	apital Cost	\$	-	\$	er Costs	4
Unfunded Project: Alternative 1: Brief name of alternative (if applicable) Alternative 2: Brief name of alternative (if applicable) Alternative 3 Name: Brief	mechanically wore out. A FERC license amendment ha replace these units. Describe other options that were considered Describe other options that were considered		n/a describe any incremental changes in operations describe any incremental changes in operations describe any	s	apital Cost	\$	-	\$	er Costs	4

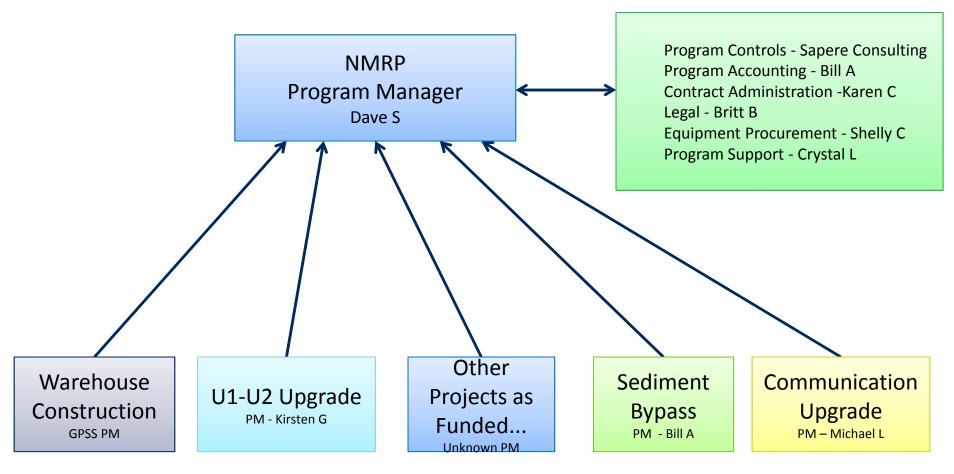


Investment N	Vame:	Nine Mile Rehab Program	Ī						
Requested Ar		\$90,913,000	Assessments:						
Duration/Tin	neframe	8 Year Project	Financial:	14.00%					
Dept, Area:		GPSS	Strategic:	Generating Plant Modernization					
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Mandate/Reg	g. Reference:	n/a	Assessment Score:	re: 112 Annual Cost Summary - Increase/(Decrease)					
Recommend	Project Descri	ption:		Performance	Capital	Cost	O&M Cost	Other Costs	Business Risk Score
This program	is to rehabilit	ate and modernize the 4 unit Nine Mile HED. This progr	am includes projects	increase	\$ 90,9	13,000	\$ -	\$ -	4
to replace (- -	· · · · · · · · · · · · · · · · · · ·							
warehouse	This pr	ogram is to robabilitate and i	modornizo t	ho 4 unit	Nino N	4:La	HED THE	program	
communica	This pr	ogram is to rehabilitate and i	nodernize t	ne 4 unit	Mille I	ипе	HED. THIS	program	
remodeled,	include	es projects to replace Units 1	and 2 which	are mor	e than	100) vears old	and are w	ore
powerhous	l						-		
be made.	out. Ir	n addition, a new warehouse	will be const	tructed, r	new ta	il rad	ce gate sys	stem will b	e
Alternative	added	, new grounding and commur	nications wil	ll be adde	d, a ba	arge	landing w	ill be adde	ed, a
Unfunded I	cottag	e will be removed and anothe	er remodele	d, a new	panel	roor	n will be a	dded, Uni	
	_	e overhauled and modernize			•			_	
	4 WIII L	e overnauleu anu modernize	u, the powe	illouse v	viii be	esu	oreu, a ne	w access g	ates
Alternative	and co	ntrols will be added and othe	er improvem	ents will	be ma	de.			
of alternati									
applicable)									
]									
Alternative 2:	: Brief name	Describe other options that were considered		describe any	\$	-	\$ -	\$ -	0
of alternative	(if			incremental					
applicable)				changes in					
				operations					
Alternative 3	Name: Brief	Describe other options that were considered		describe any	\$	-	\$ -	\$ -	0
name of alter		•		incremental					
applicable)				changes in					
				operations					



Projects	Budget	2015	2016	2017	2018	2019
Warehouse	\$2.0 Million					
Barge Landing/Crane Pad	\$1.0 Million					
GSU No. 1 Transformer	\$1.9 Million					
GSU Communications Upgrade	\$155K					
Communications Upgrade	\$1.2 Million					
Warehouse Fire Alarm Panel PLC	\$100K					
Front Gate Security Access	\$150K					
Downstream Warning System	\$200K					
Video Camera System	\$100K					
PH Bridge Crane Upgrade	\$500K					
Unit 1 -2 Upgrade	\$60 Million					
Sediment Bypass System	\$2.0 Million					
Trash Handling System	\$2.0 Million					
Powerhouse Restoration	\$900K					
Unit 3 – 4 Upgrade	\$10.4 Million					







Projects	Budget		2015	20	016	2017	2018	2019
Warehouse	\$2.0 Million							
Barge Landing/Crane Pad	\$1.0 Million							
GSU No. 1 Transformer	\$1.9 Million							
GSU Communications Upgrade	\$155K							
Communications Upgrade	\$1.2 Million							
Warehouse Fire Alarm Panel PLC	\$100K			\perp				
Front Gate Security Access	\$150K							
Downstream Warning System	\$200K							
Video Camera System	\$100K							
PH Bridge Crane Upgrade	\$500K							
Unit 1 -2 Upgrade	\$60 Million							
Sediment Bypass System	\$2.0 Million	\						
Trash Handling System	\$2.0 Million							
Powerhouse Restoration	\$900K	lacksquare						
Unit 3 – 4 Upgrade	\$10.4 Million							



New Warehouse





New Warehouse



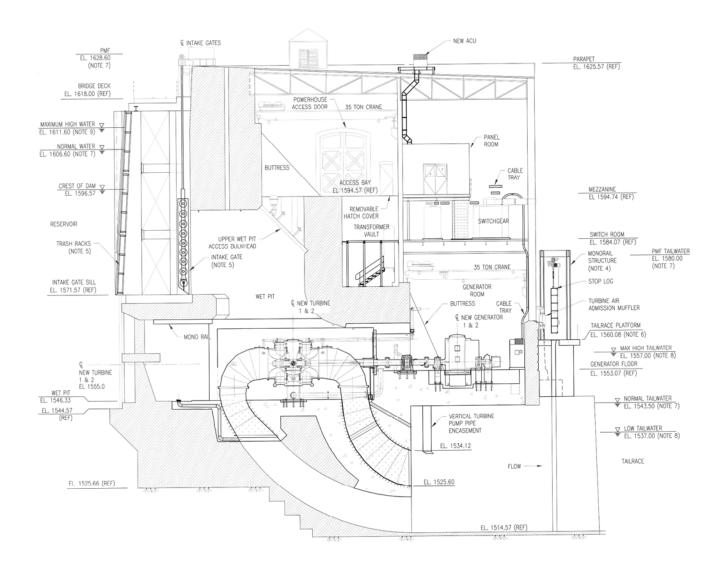


New Warehouse



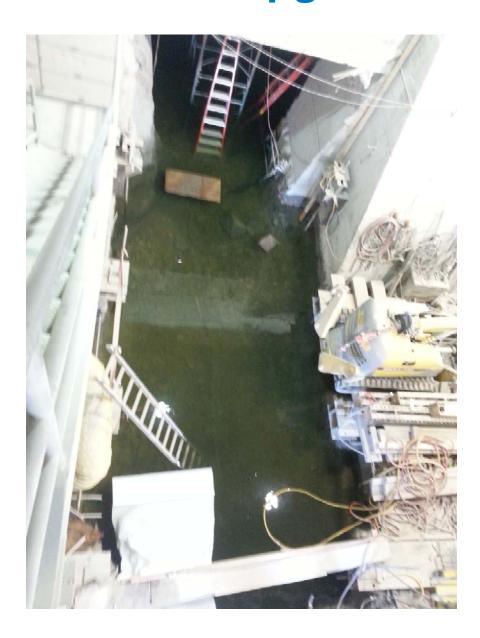


Unit 1 and 2 Upgrade





Unit 1 and 2 Upgrade – PH Demo



Unit 1 Generator Floor Prior to Dewatering



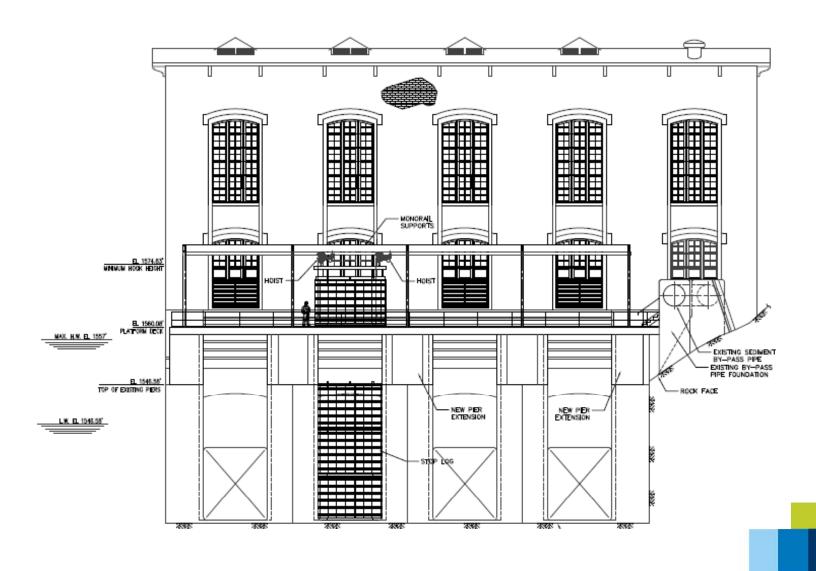
Unit 1 and 2 Upgrade – PH Demo



Unit 1 Generator Floor After Dewatering

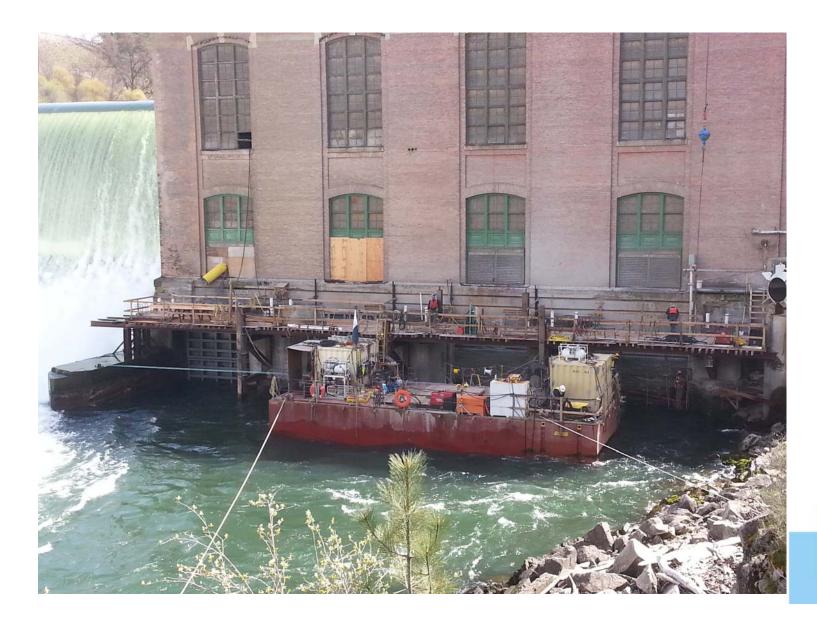


New Tailrace Gate System



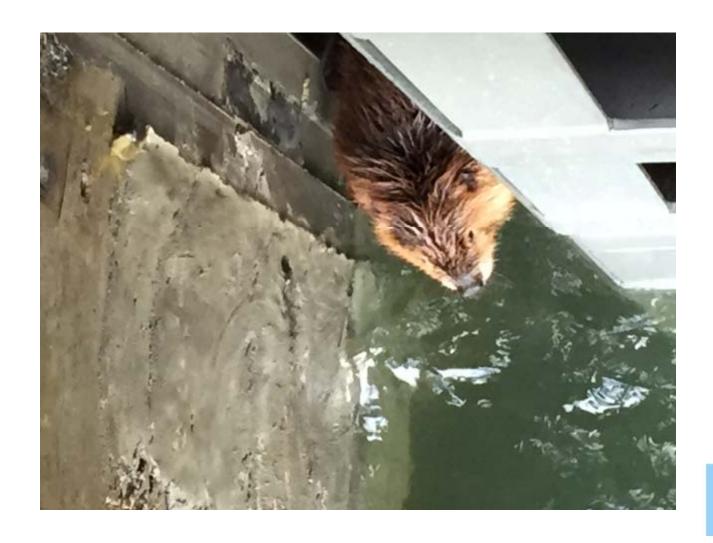
AVISTA.

Unit 1 and 2 Upgrade - Stoplogs In





Unit 1 and 2 Upgrade - Stoplogs In

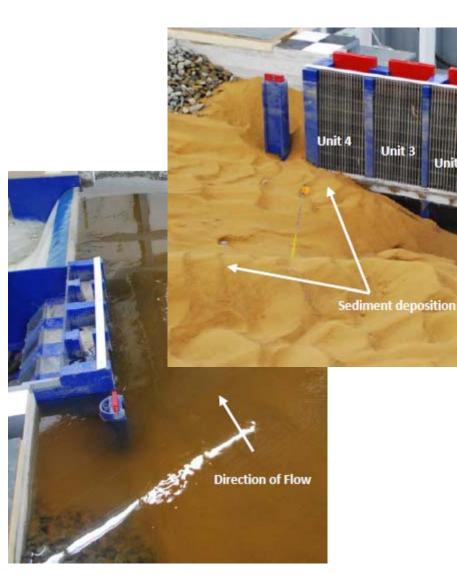




Sediment Bypass System

Unit 3

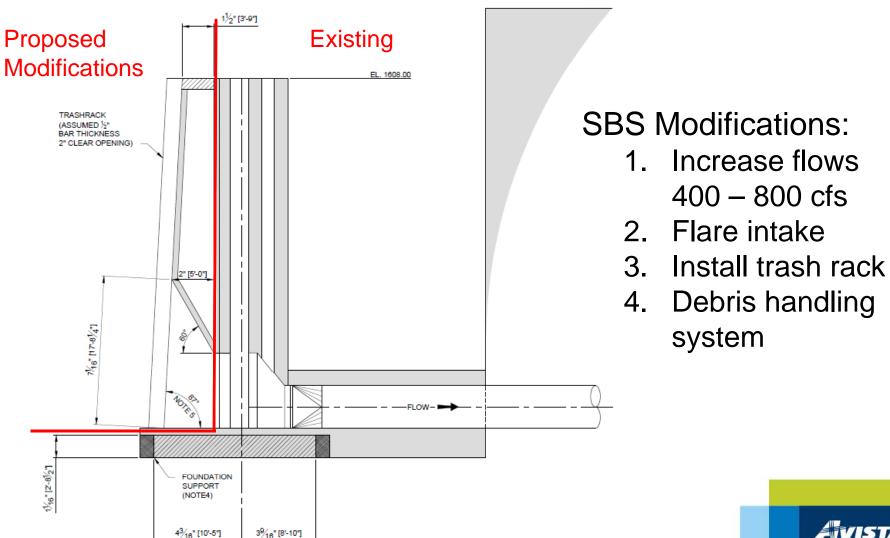
Unit 2 Unit 1



Hydraulic Modeling **Studies** Completed 2013



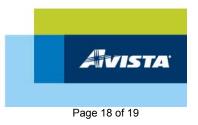
Sediment Bypass System



Nine Mile Rehab Program

Status Update:

Project	Scope	Schedule	Budget
Warehouse			
U1-U2			
Sediment Bypass			
Communications Upgrade			



Questions?

