we would have been exposed to a much larger increase in the Iatan Unit 1 Project's costs, the strong likelihood ALSTOM or another contractor would have delayed the Project, as well as a deterioration of the relationship and cooperation between KCP&L and ALSTOM that was necessary for a successful completion of the Iatan Project.

5 Q: Please describe KCP&L's project team's active management of ALSTOM.

A:

As discussed by Company witness Brent Davis in pp. 20-24 of his Direct Testimony, KCP&L's project management team aggressively managed ALSTOM's work on a daily basis through the Plan of the Day meetings that held the contractors accountable for their performance and required daily reporting of progress on key activities. The project management team also held detailed, near-daily meetings with ALSTOM's project management team to discuss earned value, productivity, completion of open tasks, rework, and labor inefficiencies. Additionally, KCP&L initiated a weekly meeting with the senior project management of ALSTOM, Kiewit, Burns & McDonnell and Kissick ("Senior Management Meetings"). The purpose of the Senior Management Meetings was to look ahead several weeks in the construction process to identify potential conflicts and other construction issues and achieve timely resolution.

To the extent that KCP&L's project management team was unable to resolve certain issues, KCP&L's Senior Management became involved with the major contractors at an executive level to resolve commercial issues to ensure that such issues could not disrupt the progress of the Project. This involvement included engaging the services of Jonathan Marks, a nationally-renowned mediator to provide both an assessment of the validity of the relative positions of the parties, advice as to the best path forward to resolving the issue, and to act as a neutral party to aid the settlement process.

Q: What is the purpose of KCP&L's active management approach?

A:

Our main purpose in actively managing the contractors on the Project was to enforce the negotiated contract terms with the vendors while maintaining the communication and transparency necessary to coordinate the work and identify risks and mitigation strategies as needed. KCP&L's management and decision-making process is characterized by gathering and analyzing data regarding the status of the Iatan Project from multiple sources including: the project controls systems; the project leadership team personnel; the contractor's personnel; third party oversight groups; and market factors, if applicable. When an issue with a contractor arose on the Iatan Projects, KCP&L evaluated not only the circumstances of each individual issue and associated decision, but the impact that the decision would have on the broader context of commercial strategies and the construction progress of the overall Projects.

As anyone in the construction industry can confirm, while the contract terms may provide certain "legal" protections, mere words on the page — no matter how comprehensive, complete, and favorable to the owner — do not ensure the timely and successful completion of a complex construction project, and the owner is always responsible for the ultimate success or failure of the project. The value of strong contract terms manifest themselves in two instances: (1) during the latan Project when engaged in commercial negotiations or alternative dispute resolution setting like the Facilitations KCP&L engaged in with Jonathan Marks; or (2) in litigation. The later setting, referring the dispute to a third party neutral (whether arbitrator or judge), is a risky, time consuming, and cost intensive course of action. A contract dispute can take years to resolve and cost a significant amount of money in attorneys fees and related costs. More

importantly, if a dispute cannot be resolved by the project team, communication with the contractors can become strained, deteriorate, and cease to exist, and the flow of information from the contractors needed by the owner to verify their work and progress can stop dead. In the event of a communication breakdown, the likelihood that disputes regarding change orders, scope, warranty issues, punchlist items and other closeout issues become cumbersome, contentious and difficult to resolve increases significantly.

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Based on those considerations, KCP&L's management approach for the Iatan Project has been based on fostering open communication with the contractors, holding the contractors accountable for their performance and moving disputed issues to resolution during the Project so that they do not fester and at a time when all of the facts are fresh. The success of this approach has manifested itself in these settlements with ALSTOM. As KCP&L's witnesses have testified, KCP&L engaged in two significant dispute resolution processes with ALSTOM during the Project resulting in settlement agreements addressing all disputed issues within in a given timeframe. These settlements have been criticized by the Staff and form the basis of a large recommended disallowance from the Iatan Project's costs. See Staff Construction Audit and Prudence Review Report (November 3, 2010) ("Staff Report") at pp. 54-65. It is undisputed that there were significant commercial issues giving rise to the facilitated sessions leading to the ALSTOM Unit 1 Settlement Agreement. While the Staff has taken issue with the increases to ALSTOM's contract price and incentive payments associated with those settlements, the fact that KCP&L actively engaged in the following steps to manage ALSTOM helped the Project be successful. These steps included: (1) timely commercial responses through correspondence and other project documentation addressing the disputed issues; (2) meetings of the project teams to attempt to resolve the disputed issues; (3) executive level discussions including development of a strategy to pursue global resolution of existing commercial issues; (4) formal facilitated meetings with one of the best mediators in the country; and (5) ultimately, timely resolution of the disputed issues that aligned the major contractors' interests with KCP&L's and put the Project in a position to be successful. These steps and the effort KCP&L expended demonstrate that KCP&L's philosophy of active management of the contractors was not merely a mission statement, but an active and intensive process involving many layers of the project team and corporate organization.

A:

10 Q: Describe the events and circumstances KCP&L considered in deciding to negotiate 11 the ALSTOM Unit 1 Settlement Agreement.

KCP&L recognized that since it had entered into the Contract with ALSTOM at the end of 2006, the complexity of the work on the Iatan Unit 1 Outage had increased significantly as KCP&L recognized the opportunity to use this outage to optimize the unit's performance and reduce future performance risk. The added Unit 1 Outage scope included: (1) economizer surface area addition, necessary for the Unit 1 SCR installation; (2) installation of turning vanes in the existing ductwork; (3) upgrades and replacement of the DCS controls; (4) refurbishment of the submerged and dry flight conveyors; and (5) addition of the low NOx burners. In addition, Tiger Team 1 was concerned about the DCS change out, which creates added risk to the unit's start-up. These additions added to the work ALSTOM had to complete within the time frame of the outage as well as added to the general congestion in relatively tight spaces. During discussions with ALSTOM's management over the Unit 1 Outage in February of 2008, it was apparent to all parties

that the planned Unit 1 Outage of fifty-six (56) days in duration, planned to begin on September 19, 2008 would not be possible. See Downey Rebuttal Testimony, Docket 0089, at pp. 17-18. Accordingly, representatives of KCP&L, ALSTOM, Kiewit, and Burns & McDonnell formed what was referred to as the "Tiger Team." This team engaged in a thorough review of the Iatan Unit 1's project remaining work activities, including all the remaining AQCS construction work as well as the plant outage upgrade work required during the Unit 1 Outage. The Tiger Team ultimately recommended an extension to the Unit 1 Outage to a duration of seventy-three (73) days and a delay to the start of the Unit 1 Outage by approximately one month (the "Tiger Team Schedule"). See Downey Rebuttal Testimony, Docket 0089, at pp. 17-18.

Additionally, despite the Project Team's efforts, there were a number of open commercial and technical issues that could not be resolved at the Project level. The potential impacts from these unresolved issues were beginning to manifest themselves and it was clear that we would not be able to resolve them without executive-level involvement. The Quarterly Reports submitted to Staff from the 1st and 2nd quarter of 2008 reflect these discussions with ALSTOM's management and our approach to these issues. See Downey Rebuttal Testimony, Docket 0089, at p. 18. **

** ALSTOM agreed to facilitate the commercial discussions of these open issues with KCP&L in mid-April 2008 with Jonathan Marks, who is one of the eminent mediator/arbitrators of construction disputes in the United States. *See* Downey Rebuttal Testimony, Docket 0089, at pp. 18-19. That process ultimately resulted in the ALSTOM Unit 1 Settlement Agreement.

ŀ	Q:	what were the primary drivers to ACr&L that you believe necessitated a
2		commercial settlement with ALSTOM on the Iatan Unit 1 Project?
3	A:	In order to answer that question, it is important to look at the settlement in the context of
4		the time period it was negotiated and understand the options that were available to
5		KCP&L at that critical juncture in 2008. First, KCP&L recognized the Tiger Team's
6		Schedule recommendations were based in large part on KCP&L's decision to add scope
7		to the Unit 1 Outage. KCP&L deemed this work to be necessary for the long term
8		operation of the plant, but also recognized that it would have an impact on ALSTOM that
9		would entitle ALSTOM to additional costs and time. Nonetheless, KCP&L knew, due to
10		the efforts of the Tiger Team, that implementation of the Tiger Team schedule was the
11		best plan for ensuring a successful outage and to ensure that ALSTOM did not impact the
12		work of other contractors. **
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22		It was also important for KCP&L, Burns & McDonnell, ALSTOM and Kiewit to

resolve whatever lingering commercial issues existed and provide a framework that

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would lead to maximum cooperation during one of the most complex periods on the Iatan
Projects. This meant clearing the decks of any issue that could be used as leverage to
either slow down work or impact the parties' ability to effectively communicate with one
another. Finally, it was important that the parties reached an agreement as to the most
efficient way to complete the work on Iatan Unit 1 so that there would be minimal
impacts on Iatan Unit 2. KCP&L had previously identified that Resource availability was
the most profound risk on the Iatan Projects. For the Unit 1 Outage to be completed,
ALSTOM needed to use resources from Iatan Unit 2. As a result, the longer the Unit 1
Outage, the more impact it would have on ALSTOM on Iatan Unit 2, leading to a
cascading of increased costs to both projects.

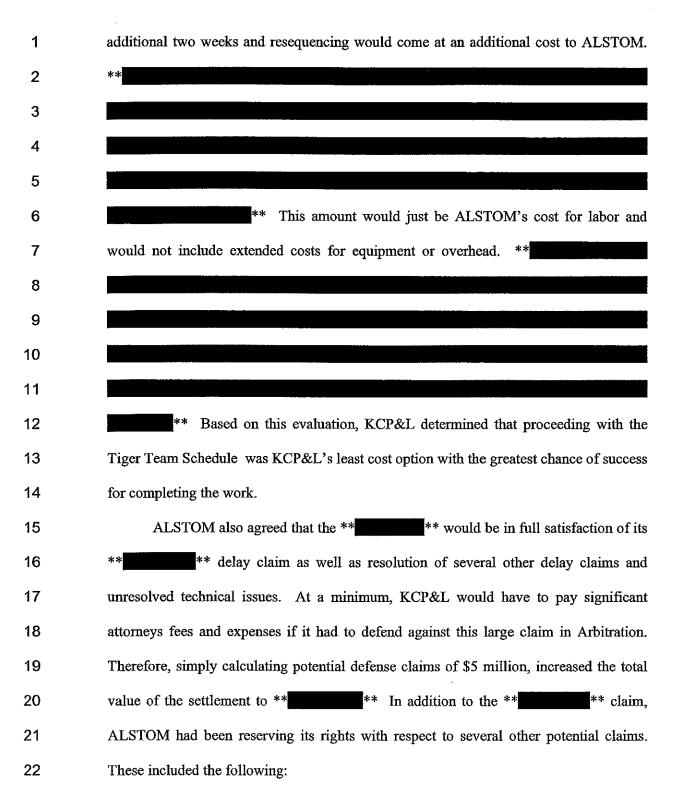
Q: How did KCP&L evaluate that the Settlement Agreement was worth **

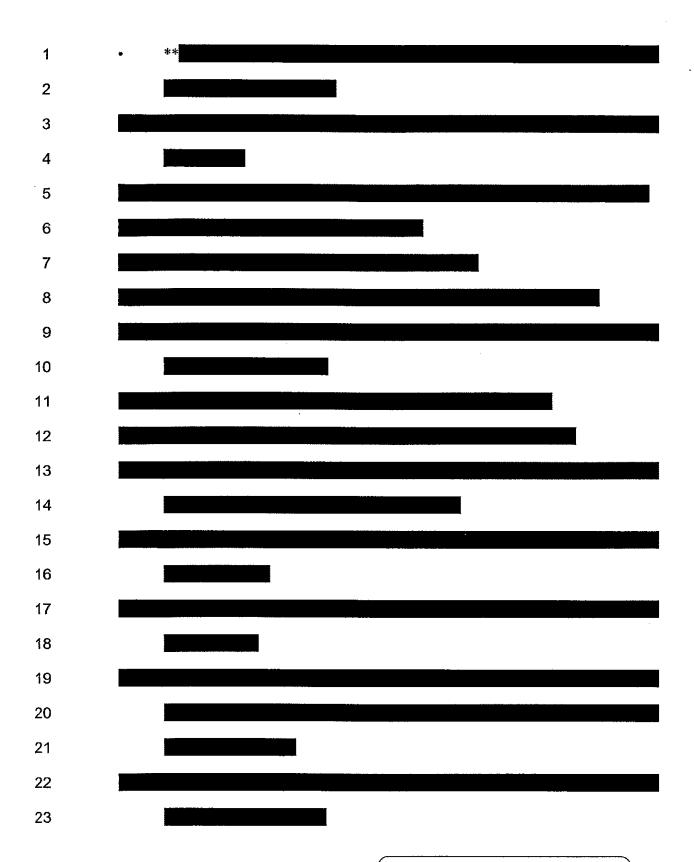
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A:

As explained in KCP&L's 3rd Quarter Report for 2008, KCP&L's project team and Schiff analyzed the value associated with all of the claims that were settled as a part of the negotiations with ALSTOM. Additionally, KCP&L had to do a thorough review of its exposure during the May 2008 Reforecast of the Iatan Unit 1 Project's budget. As mentioned in the Staff Report, these evaluations are documented in Risk & Opportunity ("R&O") items 367a, 367b and 367c. I have attached these R&O white papers as Schedule WHD2010-6.

Our team started by evaluating ALSTOM's ** **. As a part of its evaluation, KCP&L understood that implementation of the Tiger Team Schedule was a change to ALSTOM's contract which would require an extension of the outage schedule by two weeks as well as require the resequencing of ALSTOM's work. This





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3		In addition to ALSTOM's release of the specific claims associated with the
4		settlement, ALSTOM agreed **
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13	Q:	What is your response to Staff's proposed disallowance of the amount of the
14		ALSTOM Unit 1 Settlement Agreement?
15	A:	I disagree with Staff's conclusions in their entirety. First, as the basis for its
16		recommendation to reject the ** payment, Staff states that it "is not
17		convinced that ALSTOM's claims against KCP&L were the fault of KCP&L's project
18		management, raising the question of KCP&L's prudence and whether KCP&L's
19		ratepayers should be responsible for these costs." See Staff's Report at p. 56, lines 19-22.
20		ALSTOM's ** claim was a consideration but never the primary driving
21		factor for the ALSTOM Unit 1 Settlement. As I just explained, KCP&L was more
22		concerned about the Unit 1 Outage schedule and ensuring maximum cooperation for
2		coordination of the outage work. VCD&I needed AI STOM's agreement to implement

the Tiger Team Schedule in order to accomplish this goal. Staff ignores all of the
information KCP&L provided to it as well as the evaluation we used in determining that
the Tiger Team Schedule was the most prudent success path for the Unit 1 Outage.
ALSTOM's agreement to satisfy its ** was an
added bonus. Furthermore, Staff's analysis of the complex commercial issues underlying
the ALSTOM Unit 1 Settlement Agreement is superficial and the rejection of these costs
in their entirety is inappropriate. As I described, KCP&L used the management
processes we put in place at the Project's outset to first, examine what the best outcome
would be, and then whether resolution with ALSTOM was possible and on what terms.
At the end of this evaluation, KCP&L's decision to settle these issues with ALSTOM for
** was determined to be the best and least cost option for proceeding. Our
consideration of these decisions was well documented and thoroughly vetted at all
appropriate levels of the Company.

I note that Staff's proposed disallowance is partially based on concerns expressed in KCP&L's own internal audit reports. See Staff's Report at pp. 57-59, 60-63. In its Report, Staff misuses, mistakes and takes great liberties with the content and conclusions of KCP&L's internal audit reports. The "Audit Reports" prepared by KCP&L's Internal Audit Department, as supplemented by Ernst & Young ("E&Y"), provided both Senior Management and the KCP&L Board of Directors with feedback regarding the effectiveness of the processes that were put into place in order for the EOC and Senior Management to engage in a dialogue with the Iatan project management team to mitigate risk and increase the team's management effectiveness. Staff had the opportunity to review all of the Audit Reports on the Project. It is important to note that the Audit

	Reports contain both positive midnigs as wen as areas for improvement. Staff has
	chosen to merely selectively quote individual passages of our Audit Reports without
	identifying: (1) whether or how KCP&L addressed these findings; (2) whether these
	findings resulted in any specific impact to the Project; and (3) any linkage between these
	findings and the recommended disallowance. Our process requires that management put
	an action plan in place to respond to any unsatisfactory audit result. To date, KCP&L's
	management has dispositioned each and every audit finding from our Internal Audit team
	to the satisfaction of the Board of Directors' Audit Committee.
Q:	Do you agree with Staff's recommendation of an additional \$22 Million
	disallowance due to KCP&L's decision not to assess liquidated damages against
	ALSTOM?
A:	No. First, these are not costs that have been incurred by the Iatan Project, and as a result,
	do not constitute an "imprudent spend" by KCP&L. Furthermore, Staff's reduction of
	the Project costs in the amount of unasserted liquidated damages is highly speculative
	and based upon the events that actually occurred on the project, highly unlikely. In
	arriving at its conclusion, Staff has misread the documentation KCP&L developed
	explaining the justification of the ALSTOM Unit 1 Settlement Agreement. During the
	May 2008 Reforecast, KCP&L took into account the likelihood that it would be able to
	collect liquidated damages from ALSTOM as a part of its overall evaluation of the
	Settlement Agreement. This is reflected in KCP&L's R&O white papers for the May
	2008 Reforecast. Furthermore, the calculated range of **

See WHD2010-07

(emphasis added). This R&O did not calculate liquidated damages that were currently owed KCP&L that KCP&L chose to waive; liquidated damages would not even begin to accrue under the original agreement until mid-December 2008. This R&O provided information regarding exposure if ALSTOM continued to trend in the same direction and if there were no settlement.

It is also important to note that KCP&L did not waive its rights to liquidated damages under the Unit 1 Settlement Agreement. **

Q:

A:

Do you believe that ALSTOM would have had a defense to the assessment of liquidated damages?

Yes, and the strongest defense was not known until the Unit 1 Outage was halfway completed. As explained by Company Witness Davis, during the Unit 1 Outage, the construction team discovered a latent defect in the economizer casing. This defect and the necessary repairs impacted the duration of the Unit 1 Outage by thirty-two (32) days. See Davis Rebuttal Testimony, 0089 Docket, at pp. 7-8; Davis Rebuttal Testimony at pp. 59-60. This means that even if ALSTOM had been behind in its work, the economizer casing issue would be considered a "concurrent delay," which would prohibit KCP&L from collecting any damages for that period of time. Additionally, a vibration event with the turbine generator caused an additional delay to start-up of the Unit. See Davis Rebuttal Testimony, 0089 Docket, at pp. 9-10; Davis Rebuttal Testimony at pp. 60. It is

purely speculation on the part of the Staff as to the amount of liquidated damages, if any KCP&L would have been able to collect from ALSTOM.

A:

Q: Is it credible to assert that the Project or KCP&L would be in a better position if KCP&L did not enter into the Unit 1 Settlement Agreement?

No. I do not believe that the Project or KCP&L could have achieved the results we did had ALSTOM and KCP&L not reached the Unit 1 Settlement Agreement. There are many issues that developed since the settlement that by themselves could have been major issues. An example is the economizer cracking I just discussed. When this problem was discovered, KCP&L used information from Project Controls systems to assess the impact to the contractors. See Roberts Rebuttal Testimony, Docket Number 0089, at p. 15, lines 6-14. Additionally, KCP&L communicated openly and immediately with ALSTOM regarding the actual impact of the economizer cracking and the workarounds to the schedule. Based on KCP&L's analysis and ALSTOM's cooperation, KCP&L was able to mitigate both cost and schedule impacts by determining that such impacts were isolated and ensuring that ALSTOM and the other contractors continued working in all unaffected areas. See Roberts Rebuttal Testimony, Docket Number 0089, at p. 15, lines 6-14; Churchman Rebuttal Testimony, Docket Number 0089, at pp. 6-7.

I believe that ALSTOM would not have been nearly as open and cooperative in the resolution of the challenges on Iatan Unit 2 that occurred during the first quarter of 2009 had we not settled the previously existing disputes. Furthermore, it is possible that the Projects could have become mired in conflict, later transitioning from Iatan Unit 1 to Iatan Unit 2, resulting in ALSTOM submitting a large claim at the end of the Iatan Project. By resolving issues throughout the course of the Projects, KCP&L was able to

1		use its leverage to negotiate and receive concessions from ALSTOM that it would not
2		have otherwise received, to maintain cooperation throughout the Projects as well as
3		ensure that KCP&L was not surprised by a large claim at the end of the Projects.
4		<u>UNIT 2 ALSTOM SETTLEMENT</u>
5	Q:	What is your understanding with respect to Staff's proposed disallowance related to
6		KCP&L's Settlement Agreement with ALSTOM related to Unit 2?
7	A:	Staff argues that KCP&L should not be entitled to recover any amounts it paid to
8		ALSTOM under the Unit 2 Settlement Agreement. A copy of the "ALSTOM Unit 2
9		Settlement Agreement" is attached as Schedule WHD2010-7. Although only **
0		** is included in Staff's Report as an actual cost as of June 30, 2010, Staff's intent
1		is to have the Commission rule now on the prudence and disallow the entire amount of
2		the incentives KCP&L will ultimately pay to ALSTOM under the terms of the Settlement
3		Agreement, or ** ** **. I note that the fact ALSTOM earned the maximum
4		incentives under the Agreement means that the overall purpose of this Agreement - to
5		successfully complete the Iatan Unit 2 Project in the shortest duration possible - was
6		achieved, though Staff overlooks this critical fact.
7	Q:	Describe the circumstances leading to ALSTOM Unit 2 Settlement Agreement.
8	A:	As the Iatan Unit 1 Project's construction was completed in early 2009, our concerns
9		increased regarding the status of the Iatan Unit 2 Project. **
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1		** Starting in January, 2009, KCP&L convened a series of meetings at which a
2		focused team began looking at optimizing the schedule for the remaining Iatan Unit 2
3		Project work. **
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5	Q:	What factors did KCP&L consider in evaluating a potential settlement agreement
6		with ALSTOM regarding the Unit 2 schedule?
7	A:	KCP&L considered and balanced both cost and schedule in creating a revised schedule
8		and fostering cooperation between the main contractors. We reviewed with the
9		contractors multiple options for revising schedule dates and sequencing events to recover
10		as much time as possible. **
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8	Q:	**
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10	A:	KCP&L asked Kiewit to estimate the additional costs it would charge KCP&L to
11		maintain the original schedule assuming that ALSTOM did not agree to any adjustments.
12		Kiewit provided us with an estimate of ** and Kiewit's management
13		expressed great uncertainty that even if we spent the additional money to fund a
14		significant acceleration effort whether it would even be possible to make the original
15		June 1, 2010 target date. It was therefore essential that KCP&L find a way to mitigate
16		this cost and find another approach to the Iatan Unit 2 in-service date.
17	Q:	Did KCP&L consider simply ordering ALSTOM and Kiewit to accelerate their
18		work?
19	A:	Yes, but the information prepared and analyzed by the KCP&L project controls team and
20		by Schiff's scheduling expert cast doubt that even if we ordered ALSTOM and Kiewit to
21		accelerate their work, it was not physically possible to meet the June 1, 2010 target date,
22		given the status of the Project at that time.
23	Q:	What did KCP&L management decide?

