

出國報告（出國類別：洽公）

洽訪龍門計畫
8749411M033A0 及 8749511M033B0
合約廠商辦理進度查核稽催及
履約未決事宜

服務機關：台灣電力公司核能火力發電工程處

姓名職稱：游輝成/一般工程監

派赴國家：德國

出國期間：98年9月15日至98年9月24日

報告日期：98年11月2日

出國報告審核表

出國報告名稱：洽訪龍門計畫 8749411M033A0 及 8749511M033B0 合約廠商辦理進度查核稽催及履約未決事宜

出國人姓名(2人以上,以1人為代表)	職稱	服務單位
游 輝 成	一般工程監	台灣電力公司核能火力發電工程處




出國類別	<input type="checkbox"/> 考察 <input type="checkbox"/> 進修 <input type="checkbox"/> 研究 <input type="checkbox"/> 實習 <input checked="" type="checkbox"/> 其他 洽公 (例如國際會議、國際比賽、業務接洽等)
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出國期間：98年9月15日至98年9月24日	報告繳交日期：98年11月2日
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出國計畫主辦機關審核意見	<input checked="" type="checkbox"/> 1.依限繳交出國報告 <input checked="" type="checkbox"/> 2.格式完整(本文必須具備「目地」、「過程」、「心得」、「建議事項」) <input checked="" type="checkbox"/> 3.無抄襲相關出國報告 <input type="checkbox"/> 4.內容充實完備. <input type="checkbox"/> 5.建議具參考價值 <input type="checkbox"/> 6.送本機關參考或研辦 <input type="checkbox"/> 7.送上級機關參考 <input type="checkbox"/> 8.退回補正,原因: <input type="checkbox"/> 不符原核定出國計畫 <input type="checkbox"/> 以外文撰寫或僅以所蒐集外文資料為內容 <input type="checkbox"/> 內容空洞簡略未涵蓋規定要項 <input type="checkbox"/> 抄襲相關出國報告之全部或部分內容 <input type="checkbox"/> 電子檔案未依格式辦理 <input type="checkbox"/> 未於資訊網登錄提要資料及傳送出國報告電子檔 <input type="checkbox"/> 9..本報告除上傳至出國報告資訊網外,將採行之公開發表: <input type="checkbox"/> 辦理本機關出國報告座談會(說明會),與同仁進行知識分享。 <input type="checkbox"/> 於本機關業務會報提出報告 <input type="checkbox"/> 其他_____ <input type="checkbox"/> 10.其他處理意見及方式:
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說明：

- 一、各機關可依需要自行增列審核項目內容，出國報告審核完畢本表請自行保存。
- 二、審核作業應儘速完成，以不影響出國人員上傳出國報告至「政府出版資料回應網公務出國報告專區」為原則。

報 告 人		審 核 人	單位 主管 	主管處 主 管	總 經 理 副總經理 
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 林明乾

QP-08-00 F06

 賴宏昆

行政院及所屬各機關出國報告提要

出國報告名稱:洽訪龍門計畫 8749411M033A0 及 8749511M033B0 合約

廠商辦理進度查核稽催及履約未決事宜

頁數 40 含附件：是否

出國計畫主辦機關/聯絡人/電話:台灣電力公司/游輝成/(02)23229463

出國人員姓名/服務機關/單位/職稱/電話:

游輝成/台灣電力公司/核能火力發電工程處/一般工程監/(02)23229463

出國類別：1 考察2 進修3 研究4 實習5 其他(洽公)

出國期間：98年9月15日至98年9月24日 出國地區：德國

報告日期：98年11月2日

分類號/目

關鍵詞：

內容摘要：

- 一、龍門計畫 8749411M033A0 (核能級高荷重管路支架) 合約廠商 Lisega AG 公司於執行履約過程有遲延交貨，本公司依約計罰遲延交貨違約金，惟合約廠商提出異議，經審核澄清多時迄未解決，有需要前往合約廠商瞭解實際履約狀況及當面討論澄清，以解決履約爭端。
- 二、龍門計畫 8749511M033B0 (核能級管路支架) 合約廠商 Lisega AG 公司所承製二號機 BONI 部分有 1143 組管路支架迄未如期交運完畢，且有許多缺損或短運器材仍未完成補運，已嚴重影響龍門施工處施工安裝時程，另有實作實算之管路支架待澄清後辦理後續修約手續，有需要前往合約廠商實地瞭解其履約狀況及進行稽催交貨工作，督促其確實履行合約責任，以配合核四工程安裝進度。

本文電子檔已傳至出國報告資訊網 (<http://open.nat.gov.tw/reportwork>)



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壹、出國行程

- 98年9月15日 ~ 16日 往程(台北→法蘭克福→漢堡)
- 98年9月17日 ~ 19日 洽訪龍門計畫 8749411M033A0 合約
廠商 Lisega AG 公司辦理履約未決
事宜
- 98年9月20日 ~ 22日 洽訪龍門計畫 8749511M033B0 合約
廠商 Lisega AG 公司辦理稽催管路
支架器材及履約未決事宜(公畢後
宿法蘭克福)
- 98年9月23日 ~ 24日 回程(法蘭克福→台北)
- 全程合計 10 天



貳、出國任務

- 一、龍門計畫 8749411M033A0 (核能級高荷重管路支架) 合約廠商 Lisega AG 公司於執行履約過程有遲延交貨，本公司依約計罰遲延交貨違約金，惟合約廠商提出異議，經審核澄清多時迄未解決，有需要前往合約廠商瞭解實際履約狀況及當面討論澄清，以解決履約爭端。
- 二、龍門計畫 8749511M033B0(核能級管路支架)合約廠商 Lisega AG 公司所承製二號機 BONI 部分有 1143 組管路支架迄未如期交運完畢，且有許多缺損或短運器材仍未完成補運，已嚴重影響龍門施工處施工安裝時程，另有實作實算之管路支架待澄清後辦理後續修約手續，有需要前往合約廠商實地瞭解其履約狀況及進行稽催交貨工作，督促其確實履行合約責任，以配合核四工程安裝進度。
- 三、出國洽辦業務前，經先行赴龍門施工處與配管組及汽源組經辦相關主管及同仁洽談瞭解現況後，須再洽廠商 Lisega AG 公司稽催項目如下：
 - (一) 配管組部分
 1. 二號機 187 組未到料
 2. 二號機 191 組零組件短缺損未補運
 3. 一號機 5 組零組件短缺損未補運
 - (二) 汽源組部分
 1. 二號機 2C12 系統 117 組零組件缺料未補運
 2. 二號機 RPV Hydro test 部分 72 組 SB Supports 未交運



參、洽辦業務辦理情形

龍門計畫 8749411M033A0 (核能級高荷重管路支架) 及 8749511M033B0(核能級管路支架)之合約廠商均為德國 Lisega AG 公司得標承製，職於赴德國參訪期間該公司由 Mr. Jorg-Rudolf JAHN (Area Sales Manager), Dr. Holger LEISTNER (Director Process Management) 及 Mr. Volker TZSCHEETZSCH (Order Logistics) 等三位代表負責接洽，經洽辦事項如下述。

一、8749411M033A0 核能級高荷重管路支架部分：

本合約器材均已於 95 年 12 月 16 日完成交貨，但有部分器材因延遲交貨，致本公司依合約商務規範第 2.11 節規定計算遲延交貨違約金計 US\$58,879.48，廠商於 96 年 7 月 20 日來函針對該批延遲交貨原因提出異議，經送本公司核技處審核，多次交涉，始終無法達成共識。

Dr. Holger LEISTNER 表示該批器材於 Quality Record Package (QRP) 送審時，石威公司不當要求 Non-welded Snubber 必須提供 NF-1 Report，經與石威公司澄清費時，以致造成延遲交貨，該公司自認已充分舉證，台電公司卻一再刁難，職亦將核技處審核立場告知，且有部分項目經核技處核對圖面係屬 Standard Component 包含 Shop welding，經雙方討論溝通結果，Dr. Holger LEISTNER 同意以逐項列表方式說明延遲原因責任歸屬並附佐證文件再送台電審查，以解決履約紛爭。

Lisega AG 公司已於 98 年 9 月 25 日先以電子信件通知本公司核技處如附件 1，俟核技處確認內容後再正式函本公司，詳附件 1。



二、8749511M033B0 核能級管路支架部分：

(一)、稽催未到料項目

龍門施工處配管組原提出二號機 BONI 部分有 1143 組管路支架未如期交運，且有許多缺損或短運器材仍未完成補運，但廠商 Lisega AG 公司於今年 7 月底空運 2400 多項管路支架之 Pipe Straps 及其零組件至工地，經龍門施工處驗收及重新查對未到料清單及短缺損項目，於九月初修正未到料項目 187 組、短缺損項目 191 組及一號機短缺損項目 5 組。

經與 Lisega 公司代表討論結果如下：

1. Lisega 公司將已製造完成並經台電公司核安處簽署 QRP / PQC 文件之 443 項 Standard Parts 補運器材（包含 Pipe Straps、Rigid Strut、Pipe Clamp 及 Weld-on Bracket）安排於 98 年 9 月 25 日由德國 Bremen 空運來台，經查該批器材已 98 年 9 月 30 日運抵龍門施工處，詳附件 2。
2. 未到料項目 187 組－

稽催內容	數量	查對結果說明
Product 未到料 2B21-GUD-810115/810116/ 810118/810119/810719/ 811017/811018 2P21-GUD-817557	8 組	圖面顯示 No Product
Not Delivery 2G31-ANC-815102 2G31-ANC-815104 2B21-GUD-814117/ 2B21-GUD-800202/814615/ 2G31-GUD-800809/800810/ 2G31-GUD-801105	8 組	No Material 共構項目 Friction Anchor->2G31-ANC-815101 Friction Anchor->2G31-ANC-815103 Pipe strap -> 2B21-ANC-815607/ 2B21-GUD-800201/813301/ 2G31-GUD-800709/800710/ 2G31-GUD-801205
TS & PL have not delivered	2 組	PQC 8-20190 已交運但未收到 TPC 發出之 RIR



2P54-ANC-802801 2T62-GUD-800925		
Not Delivery 2G31-ANC-815101/ 815103 2G31-GUD-809802 2P25-PRST-802205 2G51-GUD-801402 2P31-GUD-800910/ 800912 2B21-PH-809412	8 組	已在進行製造中
TS & PL have not delivered	161 組	已由 TPC Deleted。 註：經查該 161 組 Steel 材料係屬龍門施工處汽源組取消二號機 305 組 Steel 改由中鼎製作之部分項目。

有關未到料查對結果，Liseqa 公司於 98.9.24 正式函知本公司，本處已將來函送請龍門施工處確認，詳附件 3。

3. 短缺損項目 191 組 –

龍門施工處配管組所列短缺損項目中 157 組，廠商 Liseqa 公司表示可於今年 10 月底前重新製造交運，另有 34 組仍有疑義須再澄清，清單如下，廠商 Liseqa 公司提供之相關電子檔已送請龍門施工處查復。

2B21-ANC-812406, 2B21-GUD-811018, 2B21-GUD-812201, 2B21-GUD-813008
2B21-GUD-813317, 2B21-GUD-814619, 2B21-GUD-814708, 2B21-GUD-819218
2B21-GUD-819219, 2B21-SNB-0784, 2C41-GUD-800102, 2C41-GUD-800120
2E22-ANC-803402, 2E22-GUD-802603, 2E22-GUD-804001, 2E22-GUD-804002
2G31-GUD-800301, 2G51-GUD-800201, 2G51-GUD-802410, 2G51-GUD-802451
2K11-ANC-800305, 2P11-GUD-803301, 2P11-GUD-803301, 2P21-GUD-803604
2P25-GUD-801704, 2P31-GUD-800712, 2P31-GUD-800809, 2P31-GUD-800810
2P31-GUD-800911, 2P31-GUD-800913, 2T22-GUD-801203, 2T22-GUD-801204
2T62-ANC-803001, 2T62-GUD-800367 共計 34 組。

4. 一號機短缺損項目 5 組 –

據廠商 Liseqa 公司表示該 5 組中有多項 parts，台電並未正式提出短缺損補運要求，相關電子檔已送請龍門施工處查復。



No.	ID	Item ID	status
1	1P11-STRT-801935	weld on bracket	Strut missing as per N4F-00903001771-GNL. Re-delivery of strut in week 39 Ex-Works. No claim for weld on bracket and clamp. TPC to check.
		Clamp	
		STRUT	
2	1P21-STRT-1414	weld on bracket	Strut damaged as per N4F-00903001771-GNL. Re-delivery of strut in week 39 Ex-Works. No claim for weld on bracket and clamp. TPC to check.
		Clamp	
		STRUT	
3	1P25-STRT-899901	weld on bracket	No claim. Perhaps wrong support No.? TPC to check.
		Clamp	
		STRUT	
4	1B21-SNB-0779	CLAMP	Claim for clamp. No claim for the balance. The balance will be re-delivered with the clamp appr. In week 41/42 nevertheless.
		1/2" Hex Bolt with 2 Heavy Hex. Nuts	
		Hardened Steel Washer	
		Pipe Washer	
5	1B21-SNB-0784	CLAMP	Claim for clamp. No claim for the balance. The balance will be re-delivered with the clamp appr. In week 41/42 nevertheless.
		1/2" Hex Bolt with 3 Heavy Hex. Nuts	
		Pipe Washer	
		Steel Washer	

(二)、二號機 2C12 系統 117 組零組件缺料未補運

據龍門施工處汽源組表示 2C12 Supports 分別在第 17 批、49 批及 70 批送達工地，該處在 96 年 11 月 1 日、97 年 11 月 6 日及 98 年 1 月 15 日分別提出三份 RIR(NO. LM-NSS-02-0211、LM-PPD-451、NSS-02-0911) 述明共有 117 項零組件缺料，迄



今仍未得到廠商 Lisega 公司回應。

因二號機 Scram Piping 正在趕工，故須請 Lisega 公司儘速補運缺料組件，經與廠商代表討論結果，Dr. Holger LEISTNER 表示 117 組 2C12 Supports 之零組件均已在製造中，預定於第 43 周(98 年 10 月 19－23 日)完成製造，詳附件 4。

(三)、二號機 RPV Hydro test 部分 72 組 SB Supports 未交運

龍門施工處汽源組今年 9 月初提出二號機 RPV Hydro test SB Supports 1265 組數剩下 72 組未交運齊全，經與廠商代表核對結果，Dr. Holger LEISTNER 表示預計該批器材可於今年第 48 周(98 年 11 月 23－27 日)以前完成製造交運，詳附件 5。

另本處 98 年 9 月 3 日向廠家稽催二號機 Small BONI 部分未到料管架之交運結果，經與 Dr. Holger LEISTNER 核對結果，Dr. Holger LEISTNER 表示預計第 44 周(98 年 10 月 26－30 日)可完成製造交運，Lisega 98 年 9 月 28 日亦正式函覆本公司，詳附件 6，本處已晒送龍門施工處汽源組參酌。

(四)、短缺損案

本處供應組函請 Lisega 公司補運短缺損器材 542 組，此項議題，Lisega 公司並不認同所有短缺損項目均屬該公司責任，Dr. Holger LEISTNER 表示該公司各項器材從接單開始，設計、製造、檢驗到交貨流程都很嚴謹，對本公司要求大量短缺損補運難以置信，且台電公司從到料、驗收至短缺損發函拖延甚久，亦造成 Lisega 公司內部查對作業滋生困擾，經洽請 Lisega 勉力儘速配合後，Dr. Holger LEISTNER 表示一號機屬 Product 部



分 440 項已重新製造完成，於今年 7 月底及 9 月 25 日分別以空運至龍門施工處，其他部分交貨時程清單如附件 7。

但 Dr. Holger LEISTNER 表示，該公司曾於 98 年 4 月 22 日及 98 年 6 月 10 日分別以 LIS-TPC-MS033B-000950 及 LIS-TPC-MS033B-000977 函覆解釋部分短缺損項目事宜，本公司均未回應，故該兩文件所述及之項目均視為台電公司無異議，不作處理，職已請 Dr. Holger LEISTNER 保留此部分，待本公司確認後儘速回覆，為免遺漏疏失，已於回國後簽請本處「供應組」速洽龍門施工處函覆，詳附件 8，另 Lisega 公司提供之上述相關交貨時程清單亦已送請龍門施工處參酌。

(五)、實作實算之管路支架

本合約採購之管路支架係依決標時完成之設計圖為基礎，日後若有新增或變更設計，則須依合約 Article IV 之 Price Adjustment 條款辦理契約變更修約；惟本合約履約迄今，Lisega 公司仍未提出增修項目文件，供本合約辦理後續修約手續。

為使核四計畫執行及預算編列管控順利推動，職已洽請 Dr. Holger LEISTNER 查對已製造項目，若有增修項目應儘速提出並附佐證資料正式函送本公司辦理後續契約變更簽陳作業。

Dr. Holger LEISTNER 表示本合約 BOP 部分溢交項目已查對完畢，另 BONI 部分增修溢交項目較為繁瑣，將儘快查對確認後，再函台電公司。

Lisega 公司於 98 年 10 月 15 日已將增修溢交項目函本公司辦理後續作業。



肆、心得與感想

- 一、 職此次奉派赴德國廠商 Lisega AG 就 MS033A 及 MS033B 合約稽催管路支架器材及洽辦履約未決事項，因合約相關來往文件資料及龍門施工處提供未到料項目/補運項目清單甚多且較繁瑣，故在國內備妥小筆電，將所有資料以電子檔儲存，在國外與 Lisega 公司代表洽辦業務時，因該會議室未具備電腦等輔助工具，僅能以書面資料討論，此時小筆電就發揮了現代科技的功能，使雙方在討論過程中可隨時藉由電腦提供迅速、明確又可靠的資訊，使工作均能順利完成，也讓國外廠商見識到我國電腦產品精美及資訊科技進步的一面。
- 二、 在辦理因公奉派出國手續期間，於八月下旬適逢本公司啓動企業營運核心系統整合重建計畫（Enterprise Resource Planning 簡稱 ERP），職奉指派為本處工程採購小組功能管理者成員之一，須參加 ERP/SAP 系統教育訓練課程，因該項訓練多為臨時通知，且須在台電總管理處上課，以致工作安排上有分身乏術之無力感。而赴德期間，資訊處辦理 ERP 採購及物料 MM 模組基礎訓練課程，與採購履約單位工作職掌較為相關，卻因而無法參加，甚是遺憾。



伍、建議

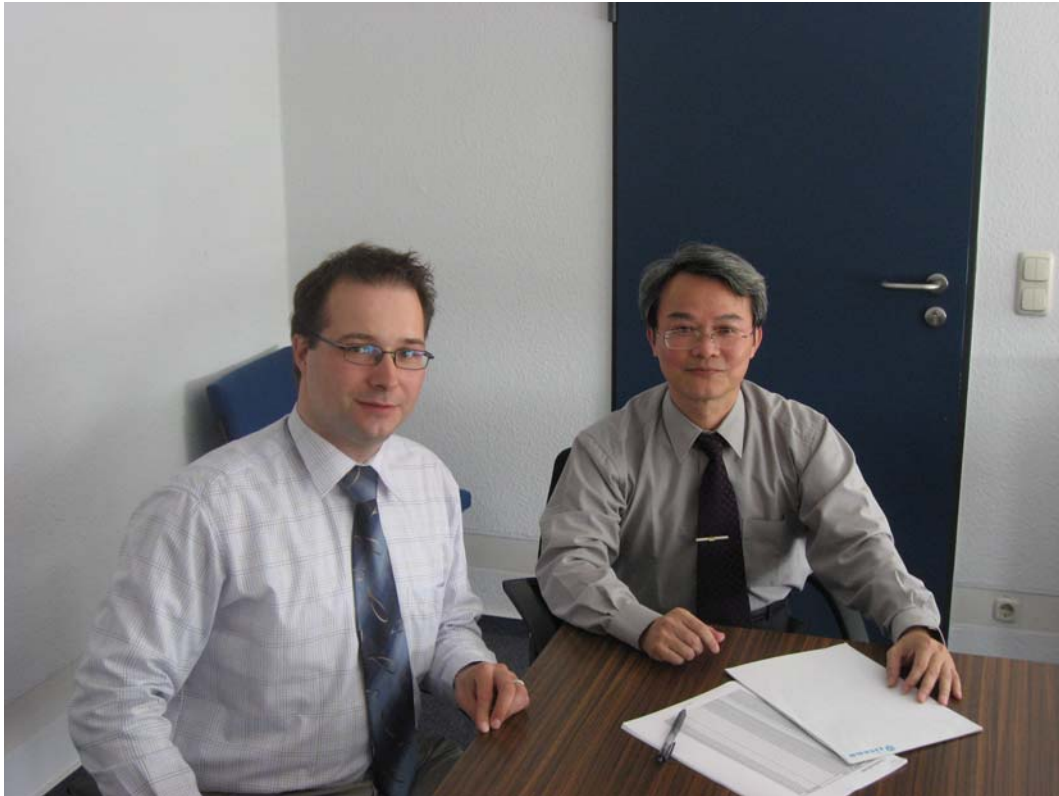
德國廠商 Lisega AG 前曾將部分器材下包與美國分公司 Lisega Inc.及韓國 Bumboo 公司，對各項分包器材之製程及交貨進度難以掌控，現已將合約未了事項之工作全部由德國 Lisega AG 自行安排製造，較能切實掌握時程進度。職赴德期間已對未交貨器材及履約未決事項請廠商全力配合積極處理，回國後並將相關資料，分別送交各有關部門參酌辦理，但後續之追蹤，仍有賴各相關部門積極持續解決未竟事宜，才能使合約順利完成，核四工程及早完工並順利達成運轉營運的目標。



與 Dr. Holger LEISTNER (Director Process Management) 合影



與 Mr. Jorg-Rudolf JAHN (Area Sales Manager) 合影



與 Mr. Volker TZSCHEETZSCH (Order Logistics) 合影

----- Original Message -----

From: [Zimmermann, Uli](#)

To: u076188@taipower.com.tw

Cc: '[\(Lisega\) 游輝成 \(E-mail\)](#)'; '[\(Lisega\) 鄭新興 \(E-mail\)](#)'; '[Sam Wu \(E-mail\)](#)'; '[Simon Huang \(E-mail\)](#)'; u827117@taipower.com.tw ; hc02yu@gmail.com ; '[\(Lisega\) Dr. Holger Leistner \(E-mail\)](#)'; '[SSUS](#)'
Sent: Friday, September 25, 2009 5:06 PM

Subject: AW: MS033A L/D

Dear Mr. Chen,

As explained by letter LIS-TPC-MS033A-0064 dated July 20th, 2007, the delay of the second shipment for contract no. 8749411M033A0 is caused by SWT's wrong interpretation of the ASME code.

This has been proven by the fact that the LISEGA'S interpretation was accepted for first shipment (see attachment 1 of above mentioned letter reference) and all shipments from the U.S. covered by contract no 8749511M033B0 (see attachment 2 of above mentioned letter reference) and official response regarding this issue from ASME committee (see attachment 3 of above mentioned letter reference).

LISEGA was faced with this problem when supplying documents for two snubbers (support nos. 1N15-SNB-5119 and 1N15-SNB-5121) via LIS-TPC-MS033A-0044 dated Oct. 11th, 2006 which were supposed to be shipped together with the first delivery.

Documents for the balance of snubbers were submitted only after the long lasting discussion with SWT did not come to a result and LISEGA was finally forced to follow their wrong instructions to avoid further delay.

Consequently, in the attached table reference is made to the document delivery date of the two snubbers only.

Trust this is the best way to reflect this complex issue by the required table.

We do hope that this finally convinces TPC to return the L/D amount.
Please confirm your acceptance so that official letter can be issued.

Best regards,
LISEGA PST

Uli Zimmermann
Special Emissary Sales

LISEGA Pipe Support Technologies(Shanghai) Co.,Ltd
7800 SongZe Avenue,Qingpu Industrial Zone,201700 Shanghai,PRC
Tel: + 86(0)21 6921 2888 ext. 215
Fax: + 86(0)21 6921 2999

Internet <http://www.lisega.com.cn>

Register court and number: AIC (QP) 031218
Management board: Hans-Herlof Hardtke
General Manager: Dr. Szydzik

Contract No. 8749411M033A0 - LID

Support ID	System	Shipment No	Document Delivery Date	Document Released Delivery Date	Last Deliver Date In Contract	Actual Delivery Date		Difference	
						(D)	(D)	(B)-(A)	(D)-(C)
1N15-SNB-5119	1N15	1	Accessories only	Aug. 09.2006	16.08.2006	FOB 04.09.2006	1 day	19 days	
1N15-SNB-5119	1N15	2	Oct. 11, 2006 for snubbers (see LIS-TPC-MS033A-0044)	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.08.2006	FOB 16.12.2006	51 days	122 days	
1N15-SNB-5121	1N15	1	Accessories only	Aug. 09.2006	16.08.2006	FOB 04.09.2006	1 day	19 days	
1N15-SNB-5121	1N15	2	Oct. 11, 2006 for snubbers (see LIS-TPC-MS033A-0044)	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.08.2006	FOB 16.12.2006	51 days	122 days	
1B21-SNB-5001	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNB-5003	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNRT-5004	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNB-5005 (-5006)	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNB-5007	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNB-5008	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNRT-5010	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNB-5011A	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNB-5011B	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNB-5013	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNB-5014	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNB-5016	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNRT-5017	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNB-5018A	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNB-5018B	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNB-5020	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNB-5021	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNB-5023	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNB-5024A	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNB-5024B	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNRT-5025	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNB-5027	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNB-5028	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	
1B21-SNB-5031	1B21	2	see above	Dec.07.2006 (see SWT-LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	51 days	30 days	

Contract No. 8749411M033A0 - L/D

Support ID	System	Shipment No	Document Delivery Date (A)	Document Released Delivery Date (B)	Last Deliver Date In Contract (C)	Actual Delivery Date		Difference	
						(D)	(E)	(B)-(A)	(D)-(C)
1B21-SNB-5032	1B21	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1B21-SPR-5036	1B21	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1B21-SNB-5038	1B21	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1B21-SNB-5042	1B21	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1B21-SNB-5043	1B21	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1B21-SNB-5044	1B21	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1B21-SPR-5047	1B21	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1B21-SPR-5048	1B21	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1B21-SNB-5053	1B21	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1B21-SNB-5054	1B21	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1B21-SPR-5058	1B21	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1B21-SPR-5059	1B21	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1B21-SNB-5084	1B21	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1B21-SNB-5085	1B21	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1B21-SPR-5089	1B21	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1B21-SNB-5071	1B21	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1N15-SNB-5104	1N15	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1N15-SNB-5105	1N15	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1N15-SNB-5111	1N15	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1N15-SNB-5112	1N15	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1N15-SNB-5113	1N15	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1N15-SNB-5116	1N15	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1N15-SNB-5117	1N15	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1N15-SNB-5118	1N15	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1N15-STRT-5120	1N15	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days
1N15-SNB-5123	1N15	2	see above	Dec.07.2006 (see SWT- LIS-MS033A-000045)	16.11.2006	FOB 16.12.2006	16.12.2006	51 days	30 days

附件 2

297 BRE 6878 9265

HAWB . . : BRE90103151

Shipper's Name and Address LISEGA AG HOCHKAMP 5 27404 ZEVEN		Shipper's account Number		Not negotiable Air Waybill Issued by		KUEHNE + NAGEL (AG&CO.) KG HANNA-KUNATH STR.14 DE-28199 BREMEN	
Copies 1, 2 and 3 of this Air Waybill are originals and have the same validity							
Consignee's Name and Address TAIWAN POWER COMPANY DEPT.OF NUCLEAR & FOSSIL POWER PRJT 39 HOPING EAST ROAD, SEC. 1 TAIPEI 106 TAIWAN		Consignee's account Number					
Issuing Carrier's Agent Name and City KUEHNE + NAGEL (AG&CO.) KG HANNA-KUNATH STR.14 DE-28199 BREMEN				Accounting Information KN EXPERT			
Agent's IATA Code 23-4 7041 / 2814		Account No.					
Airport of Departure (Addr. of first Carrier) and requested Routing BREMEN				Reference Number SHPRS REF : 3306131		Optional Shipping Information 1+312+313	
to	By first Carrier	Routing and Destination	to	by	to	by	
TPE	CI5622/27						
Airport of Destination TAIPEI		Requested Flight / Date		Amount of Insurance XXX		INSURANCE - If carrier offers insurance, and such insurance is requested in accordance with the conditions thereof, indicate amount to be insured in figures in box marked "Amount of Insurance".	
Handling Information 3 CASES MARKED: ADDRESS ATTACHED TO AWB: INVOICE, PACKING LIST, PRODUCT QUALITY CERTIFICATE / SPX / KÜHNE + NAGEL, DE.RAC.0100							SCI X
No. of Pieces RCP	Gross Weight	kg lb	Rate Class Commodity Item No.	Chargeable Weight	Rate Charge	Total	Nature and Quantity of Goods (incl. Dimensions or Volume)
3	303,0	K Q		303,0		AS AGREED	PIPE STRAPS, RIGID STRUT, PIPE CLAMP, WELD-ON BRACKET ***** DELIVERY TERM: D D P ***** 3 SLAC TOTAL VOL: 1.399 CBM. ECD : 9DE520309490046E1
GOODS HEREIN ACCEPTED FOR CARRIAGE ARE SUBJECT TO OUR GENERAL CONDITIONS OF CONTRACT. A COPY MAY BE RETRIEVED FROM WWW.KN-PORTAL.COM/SERVICES/AIRFREIGHT/GENERAL_CONDITIONS OR YOUR NEAREST KUEHNE + NAGEL LOCATION.							
DIM: 116X60X67 3		3 303,0					
Prepaid		Weight Charge		Collect		Other Charges	
AS AGREED						AS AGREED	
Valuation Charge							
Tax						KNOWN CONSIGNOR FOR AIRFREIGHT 0010-2560-909.018	
Total other Charges Due Agent						Shipper certifies that the particulars on the face hereof are correct and that insofar as any part of the consignment contains dangerous goods, such part is properly described by name and is in proper condition for carriage by air according to the applicable Dangerous Goods Regulations.	
AS AGREED						KUEHNE + NAGEL (AG&CO.) KGSAHABETTIN ALTUNKAYA..... Signature of Shipper or his Agent	
Total other Charges Due Carrier							
AS AGREED							
Total prepaid		Total collect					
Currency Conversion Rates		cc Charges in Dest Currency		25/SEP/2009 BREMEN		KUEHNE + NAGEL (AG&CO.) KG	
				Executed on (Date) at (Place)		Signature of Issuing Carrier or its Agent	
For Carrier's Use only at Destination		Charges at Destination		Total collect Charges			

BRE90103151



LISEGA AG · Postfach 1357 · D-27393 Zeven

Mr. H.K. Lai
 Project Manager DNFPF
 39, Ho-Ping East Road, Sec.1
 Taipei, 10643, Taiwan, R.O.C.
 Fax: +886-2-2391-0281

HOCHKAMP · D-27404 ZEVEN

P.O.B. 1357 · D-27393 Zeven

TEL. 04281/713-0 · FAX 04281/713-214

E-mail: info@lisega.de

Internet: www.lisega.de

LIS-TPC-MS033B-001016

Response Required:

Ihr Zeichen	Ihr Schreiben	Unser Zeichen	Durchwahl	Datum
		HLE	-283	September 24, 2009

SUBJECT: LUNG MEN NUCLEAR POWER PROJECT UNIT 1
CONTRACT No. 8749511M033B0
Pipe Support (ASME Code Section III, Division 1, Class 1,2,3)

Expediting the delivery of 187 sets of small bore supports for Unit 2

Reference: N4F-00909011391-BID dated September 23, 2009

Dear Mr. Lai

We have analysed the status of the listed supports. The attached spreadsheet shows such status that can be summarized as follows:

- 8 supports for which you claim missing products do not consist of any products
- 8 supports have no material to be delivered by LISEGA
- Material for 2 supports for which you claim missing steel were shipped based on our documentation and such missing material hasn't been addressed by a RIR
- Material for 8 supports need to be processed and delivered by LISEGA
- Material (steel) for 161 supports are listed as deleted by TPC.

Sincerely yours,
 LISEGA AG

Dr. Holger Leistner
 Director Process Management

2 MS033B BONI Not Delivery List

No.	ID	NOTE	PQC NO.	Status
1	2B21-ANC-814406	TS & PL have not delivery	PQC 8-20176(AG)	deleted
2	2B21-ANC-814715	TS & PL have not delivery	PQC 8-20176(AG)	deleted
3	2B21-ANC-815005	TS & PL have not delivery	PQC 8-20176(AG)	deleted
4	2B21-ANC-818604	TS & PL have not delivery	PQC 8-20176(AG)	deleted
5	2B21-ANC-818805	TS & PL have not delivery	PQC 8-20176(AG)	deleted
6	2B21-ANC-819003	TS & PL have not delivery	PQC 8-20176(AG)	deleted
7	2B21-GUD-800106	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
8	2B21-GUD-800111	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
9	2B21-GUD-800112	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
10	2B21-GUD-800113	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
11	2B21-GUD-800114	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
12	2B21-GUD-800116	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
13	2B21-GUD-800117	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
14	2B21-GUD-800202	Not Delivery		no mat => Pipe strap (-> 2B21-GUD-800201)
15	2B21-GUD-809702	Not Delivery		deleted
16	2B21-GUD-809709	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
17	2B21-GUD-809813	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
18	2B21-GUD-809814	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
19	2B21-GUD-809902	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
20	2B21-GUD-809904	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
21	2B21-GUD-810115	Product have not delivery	PQC 8-20191(bumwoo)	no product (see dwg)
22	2B21-GUD-810116	Product have not delivery	PQC 8-20191(bumwoo)	no product (see dwg)
23	2B21-GUD-810118	Product have not delivery	PQC 8-20191(bumwoo)	no product (see dwg)
24	2B21-GUD-810119	Product have not delivery	PQC 8-20191(bumwoo)	no product (see dwg)
25	2B21-GUD-810715	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
26	2B21-GUD-810719	Product have not delivery	PQC 8-20191(bumwoo)	no product (see dwg)
27	2B21-GUD-811001	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
28	2B21-GUD-811002	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
29	2B21-GUD-811017	Product have not delivery	PQC 8-20191(bumwoo)	no product (see dwg)
30	2B21-GUD-811018	Product have not delivery	PQC 8-20191(bumwoo)	no product (see dwg)
31	2B21-GUD-811025	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
32	2B21-GUD-814111	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
33	2B21-GUD-814117	Not Delivery		no mat => Pipe strap (-> 2B21-ANC-815607)
34	2B21-GUD-814403	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
35	2B21-GUD-814404	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
36	2B21-GUD-814405	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
37	2B21-GUD-814407	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
38	2B21-GUD-814409	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
39	2B21-GUD-814421	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
40	2B21-GUD-814424	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
41	2B21-GUD-814615	Not Delivery		no mat => Pipe strap (-> 2B21-GUD-813301)
42	2B21-GUD-814706	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
43	2B21-GUD-814713	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
44	2B21-GUD-814814	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
45	2B21-GUD-814909	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
46	2B21-GUD-815011	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
47	2B21-GUD-815205	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
48	2B21-GUD-815208	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
49	2B21-GUD-815302	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
50	2B21-GUD-815304	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
51	2B21-GUD-815312	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
52	2B21-GUD-815412	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
53	2B21-GUD-817207	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
54	2B21-GUD-817208	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
55	2B21-GUD-817301	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
56	2B21-GUD-818402	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
57	2B21-GUD-818403	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
58	2B21-GUD-818404	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
59	2B21-GUD-818503	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
60	2B21-GUD-818603	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
61	2B21-GUD-818605	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
62	2B21-GUD-818606	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
63	2B21-GUD-818801	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
64	2B21-GUD-818802	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted

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No.	ID	NOTE	PQC NO.	Status
65	2B21-GUD-818803	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
66	2B21-GUD-818804	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
67	2B21-GUD-818806	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
68	2B21-GUD-818901	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
69	2B21-GUD-818902	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
70	2B21-GUD-818903	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
71	2B21-GUD-818904	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
72	2B21-GUD-818905	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
73	2B21-GUD-818906	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
74	2B21-GUD-818907	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
75	2B21-GUD-818908	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
76	2B21-GUD-818909	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
77	2B21-GUD-818910	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
78	2B21-GUD-819002	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
79	2B21-GUD-819004	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
80	2B21-GUD-819104	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
81	2B21-GUD-819105	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
82	2B21-GUD-819106	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
83	2B21-GUD-819107	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
84	2B21-GUD-819109	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
85	2B21-GUD-819110	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
86	2B21-GUD-819303	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
87	2B21-PH-809412	Product have not delivery	PQC 8-20161(INC)	fab to be processed (spring-assembly)
88	2B21-PH-809809	TS & PL have not delivery	PQC 8-20176(AG)	deleted
89	2B21-PH-809815	TS & PL have not delivery	PQC 8-20176(AG)	deleted
90	2B21-PH-809912	Not Delivery	PQC 8-20205(AG)	deleted
91	2B21-PH-810007	Not Delivery	PQC 8-20205(AG)	deleted
92	2B21-SNB-800108	TS & PL have not delivery	PQC 8-20176(AG)	deleted
93	2B21-SNB-809714	TS & PL have not delivery	PQC 8-20194(AG)	deleted
94	2B21-SNB-809805	TS & PL have not delivery	PQC 8-20194(AG)	deleted
95	2B21-SNB-809812	TS & PL have not delivery	PQC 8-20194(AG)	deleted
96	2B21-SNB-809816	TS & PL have not delivery	PQC 8-20194(AG)	deleted
97	2B21-SNB-809913	TS & PL have not delivery	PQC 8-20194(AG)	deleted
98	2B21-SNB-810011	TS & PL have not delivery	PQC 8-20194(AG)	deleted
99	2B21-STRT-800104	TS & PL have not delivery	PQC 8-20176(AG)	deleted
100	2B21-STRT-800105	PL have not delivery	PQC 8-20176(AG)	deleted
101	2B21-STRT-800107	TS & PL have not delivery	PQC 8-20176(AG)	deleted
102	2B21-STRT-800110	PL have not delivery	PQC 8-20176(AG)	deleted
103	2B31-GUD-800305	TS & PL have not delivery	PQC 8-20174(AG)	deleted
104	2B31-GUD-800916	TS & PL have not delivery	PQC 8-20174(AG)	deleted
105	2B31-GUD-801212	TS & PL have not delivery	PQC 8-20174(AG)	deleted
106	2B31-GUD-802513	TS & PL have not delivery	PQC 8-20174(AG)	deleted
107	2B31-PH-800329	TS & PL have not delivery	PQC 8-20176(AG)	deleted
108	2B31-PH-801815	TS & PL have not delivery	PQC 8-20176(AG)	deleted
109	2B31-PH-802408	TS & PL have not delivery	PQC 8-20176(AG)	deleted
110	2B31-PH-803008	TS & PL have not delivery	PQC 8-20176(AG)	deleted
111	2C41-GUD-2107	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
112	2C41-GUD-2109	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
113	2C41-GUD-800105	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
114	2C41-GUD-800106	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
115	2C41-GUD-800107	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
116	2C41-GUD-800108	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
117	2C41-GUD-800109	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
118	2C41-GUD-800110	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
119	2C41-GUD-800111	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
120	2C41-GUD-800121	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
121	2C41-STRT-2110	TS & PL have not delivery	PQC 8-20176(AG)	deleted
122	2C41-STRT-2111	TS & PL have not delivery	PQC 8-20176(AG)	deleted
123	2E11-ANC-800503	TS & PL have not delivery	PQC 8-20175(AG)	deleted
124	2E11-ANC-802701	TS & PL have not delivery	PQC 8-20175(AG)	deleted
125	2E11-ANC-809301	TS & PL have not delivery	PQC 8-20175(AG)	deleted
126	2E11-ANC-810601	TS & PL have not delivery	PQC 8-20175(AG)	deleted
127	2E11-ANC-810701	TS & PL have not delivery	PQC 8-20175(AG)	deleted
128	2E11-GUD-800501	TS & PL have not delivery	PQC 8-20175(AG)	deleted

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No.	ID	NOTE	PQC NO.	Status
129	2E11-GUD-800502	TS & PL have not delivery	PQC 8-20175(AG)	deleted
130	2E11-GUD-802702	TS & PL have not delivery	PQC 8-20175(AG)	deleted
131	2E11-GUD-802703	TS & PL have not delivery	PQC 8-20175(AG)	deleted
132	2E11-GUD-805301	TS & PL have not delivery	PQC 8-20198(AG)	deleted
133	2E11-GUD-809302	TS & PL have not delivery	PQC 8-20175(AG)	deleted
134	2E11-GUD-809401	TS & PL have not delivery	PQC 8-20175(AG)	deleted
135	2E11-GUD-810602	TS & PL have not delivery	PQC 8-20175(AG)	deleted
136	2E22-ANC-803502	TS & PL have not delivery	PQC 8-20176(AG)	deleted
137	2E22-ANC-803601	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
138	2E22-ANC-803603	TS & PL have not delivery	PQC 8-20176(AG)	deleted
139	2E22-ANC-803701	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
140	2E22-ANC-803704	TS & PL have not delivery	PQC 8-20176(AG)	deleted
141	2E22-GUD-803403	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
142	2E22-GUD-803501	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
143	2E22-GUD-803602	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
144	2E22-GUD-803604	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
145	2E22-GUD-803605	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
146	2E22-GUD-803606	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
147	2E22-GUD-803607	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
148	2E22-GUD-803702	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
149	2E22-GUD-803703	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
150	2E51-GUD-0633	TS & PL have not delivery	PQC 8-20173(AG)	deleted
151	2E51-GUD-802306	TS & PL have not delivery	PQC 8-20175(AG)	deleted
152	2E51-GUD-802915	TS & PL have not delivery	PQC 8-20175(AG)	deleted
153	2E51-GUD-803503	TS & PL have not delivery	PQC 8-20175(AG)	deleted
154	2E51-GUD-803508	TS & PL have not delivery	PQC 8-20175(AG)	deleted
155	2E51-SNB-0656	TS & PL have not delivery	PQC 8-20173(AG)	deleted
156	2E51-SNB-0669	TS & PL have not delivery	PQC 8-20173(AG)	deleted
157	2E51-SNB-0673	TS & PL have not delivery	PQC 8-20173(AG)	deleted
158	2E51-STRT-0629	TS & PL have not delivery	PQC 8-20173(AG)	deleted
159	2E51-STRT-0646	TS & PL have not delivery	PQC 8-20173(AG)	deleted
160	2E51-STRT-0650	TS & PL have not delivery	PQC 8-20176(AG)	deleted
161	2E51-STRT-0668	TS & PL have not delivery	PQC 8-20176(AG)	deleted
162	2G31-ANC-801909	TS & PL have not delivery	PQC 8-20176(AG)	deleted
163	2G31-ANC-815101	Not Delivery		fab of support to be processed (steel and product)
164	2G31-ANC-815102	Not Delivery		no mat => 2x Friction Anchor (-> 2G31-ANC-815101)
165	2G31-ANC-815103	Not Delivery		fab of support to be processed (steel and product)
166	2G31-ANC-815104	Not Delivery		no mat => 2x Friction Anchor (-> 2G31-ANC-815103)
167	2G31-GUD-800105	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
168	2G31-GUD-800710	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
169	2G31-GUD-800714	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
170	2G31-GUD-800807	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
171	2G31-GUD-800809	Not Delivery		no mat => Pipe strap (-> 2G31-GUD-800709)
172	2G31-GUD-800810	Not Delivery		no mat => Pipe strap (-> 2G31-GUD-800710)
173	2G31-GUD-801103	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
174	2G31-GUD-801105	Not Delivery		no mat => Pipe strap (-> 2G31-GUD-801205)
175	2G31-GUD-801205	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
176	2G31-GUD-801913	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
177	2G31-GUD-801920	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
178	2G31-GUD-802001	TS & PL have not delivery	PQC 8-20217(INC strap)	deleted
179	2G31-GUD-809802	Not Delivery		fab of support to be processed (steel and product)
180	2G31-PH-801914	TS & PL have not delivery	PQC 8-20176(AG)	deleted
181	2G51-GUD-801402	Not Delivery		fab to be processed (Pipe strap 2-400364)
182	2P21-GUD-817557	Product have not delivery	PQC 8-20144(bumwoo)	no product (see dwg) -> Pipe strap missed in BOM(?)
183	2P25-PRST-802205	Not Delivery		fab to be processed (Pipe strap 2-400264)
184	2P31-GUD-800910	Not Delivery		fab to be processed (Pipe strap 2-400364)
185	2P31-GUD-800912	Not Delivery		fab to be processed (Pipe strap 2-400364)
186	2P54-ANC-802801	TS & PL have not delivery	PQC 8-20190(bumwoo)	4.Shipment (9)-> NO RIR ?
187	2T62-GUD-800925	TS & PL have not delivery	PQC 8-20190(bumwoo)	4.Shipment (9)-> NO RIR ?
note	1. 本次清單整理，依據Lisega提供之Weekly Report。 2. 因Final圖面不齊全，故無法清查正確數量。			

U2 CRD 2C12 re-fab status

Support No.	Lisega Com.	status	Ex Works date	RIR-letter
2C12-GUD-008001	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0045
2C12-GUD-008002	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0045
2C12-GUD-008003	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0045
2C12-GUD-008004	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0045
2C12-GUD-008005	33031322	in fab	appr. week 43	not traceable at the moment
2C12-GUD-008006	33031322	in fab	appr. week 43	not traceable at the moment
2C12-GUD-008008	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0041 N4F-00904000481-GNL
2C12-GUD-008011	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00015 N4F-00807011121-GNL
2C12-GUD-008015	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00015 N4F-00807011121-GNL
2C12-GUD-008016	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0041 N4F-00904000481-GNL
2C12-GUD-008017	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0041 N4F-00904000481-GNL
2C12-GUD-008021	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0041 N4F-00904000481-GNL
2C12-GUD-008027	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00015 N4F-00807011121-GNL
2C12-GUD-008036	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00015 N4F-00807011121-GNL
2C12-GUD-800101	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0045
2C12-GUD-800102	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0041 N4F-00904000481-GNL
2C12-GUD-800103	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0041 N4F-00904000481-GNL
2C12-GUD-800104	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00015 N4F-00807011121-GNL
2C12-GUD-800105/117/118/119	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0041 N4F-00904000481-GNL
2C12-GUD-800106	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00015 N4F-00807011121-GNL
2C12-GUD-800107/111/112/113/12	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00015 N4F-00807011121-GNL
2C12-GUD-800108/127/161	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00015 N4F-00807011121-GNL
2C12-GUD-800114/121/122/134/15	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00015 N4F-00807011121-GNL
2C12-GUD-800123	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00015 N4F-00807011121-GNL
2C12-GUD-800201	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0045
2C12-GUD-800202	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0045
2C12-GUD-800203	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0045
2C12-GUD-800204	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0041 N4F-00904000481-GNL
2C12-GUD-800205/217/218/219	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0041 N4F-00904000481-GNL
2C12-GUD-800206	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00015 N4F-00807011121-GNL

U2 CRD 2C12 re-fab status

Support No.	Lisega Com.	status	Ex Works date	RIR-letter
2C12-GUD-800208/222/245	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00015 N4F-00807011121-GNL
2C12-GUD-800215/216	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00015 N4F-00807011121-GNL
2C12-GUD-800220/221/224	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00015 N4F-00807011121-GNL
2C12-GUD-800301	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0045
2C12-GUD-800302	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0041 N4F-00904000481-GNL
2C12-GUD-800304	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0041 N4F-00904000481-GNL
2C12-GUD-800305/321/322/324/32	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0041 N4F-00904000481-GNL
2C12-GUD-800308/319/320/361	33031322	in fab	appr. week 43	N4F-00904000481-GNL
2C12-GUD-800371/372/374/375	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00015 N4F-00807011121-GNL
2C12-GUD-800401	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00015 N4F-00807011121-GNL
2C12-GUD-800402	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0041 N4F-00904000481-GNL
2C12-GUD-800404	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0045
2C12-GUD-800407/412/413/414	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00015 N4F-00807011121-GNL
2C12-GUD-800409	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00015 N4F-00807011121-GNL
2C12-GUD-800415	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00015 N4F-00807011121-GNL
2C12-GUD-800422	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00015 N4F-00807011121-GNL
2C12-GUD-800440/441/442	33031322	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00015 N4F-00807011121-GNL

RPV SB SUPPORT 管制表

Item	System	ISVNO	IDNO	LCO Batch No	Item In Dwg	需求項次	標準時之組數	Lisega shipment NO.	完工已領圖	Part#	appr. EXP-date
4	2021	2021-48120	2021-ANC-809315	2021-800315		need (Anchor)	474組	Deleted		38021E-F, to be fabricated	week46
5	2021	2021-48212	2021-ANC-809405	2021-809405		need 1(Friction Block)	474組	Deleted		38031E-F, to be fabricated	week46
6	2021	2021-48177	2021-ANC-809420	2021-809420		need (Anchor)	474組	Deleted		38021E-F, to be fabricated	week46
7	2021	2021-48249	2021-ANC-809503	2021-809503		need 1(Friction Block)	474組	Deleted		38021E-F, to be fabricated	week46
8	2021	2021-48170	2021-ANC-809517	2021-809517		need 1(Anchor)	474組	Deleted		38021E-F, to be fabricated	week46
10	2021	2021-48641	2021-ANC-809909	2021-809909	5/1-4	shortage 1-3 [1, 2, 4-x4-x10; 3; PL10]	474組+	8-20190	√	steel, to be fabricated	week48
22	2021	2021-48354	2021-ANC-818911	2021-818911		need 1(Friction Block)	474組	Deleted		38021E-F, to be fabricated	Week46
24	2021	2021-48217	2021-ANC-819010	2021-819010		need 1(Anchor)	474組	Deleted/8-20212	無圖	38021E-F, to be fabricated	Week46
57	2021	2021-48500	2021-CID-809301	2021-809301		need 1(strap)	474組	Deleted		2-400983, to be fabricated	Week46
59	2021	2021-48120	2021-CID-809304	2021-809304		need 1(strap)	474組	Deleted		2-400984, to be fabricated	Week46
60	2021	2021-48120	2021-CID-809305	2021-809305		need 1(strap)	474組	Deleted		2-400984, to be fabricated	Week46
61	2021	2021-48120	2021-CID-809306	2021-809306		need 1(strap)	474組	Deleted		2-400984, to be fabricated	Week46
62	2021	2021-48120	2021-CID-809307	2021-809307		need 1(strap)	474組	Deleted		2-400984, to be fabricated	Week46
63	2021	2021-48120	2021-CID-809308	2021-809308		need 1(strap)	474組	Deleted		2-400984, to be fabricated	Week46
64	2021	2021-48120	2021-CID-809309	2021-809309		need 1(strap)	474組	Deleted		2-400984, to be fabricated	Week46
65	2021	2021-48120	2021-CID-809310	2021-809310		need 1(strap)	474組	Deleted		2-400984, to be fabricated	Week46
66	2021	2021-48120	2021-CID-809312	2021-809312		need 1(strap)	474組	Deleted		2-400984, to be fabricated	Week46
67	2021	2021-48120	2021-CID-809316	2021-809316		need 1(strap)	474組	Deleted		2-400984, to be fabricated	Week46
68	2021	2021-48212	2021-CID-809401	2021-809401		need 1(strap)	474組	Deleted		2-400983, to be fabricated	Week46
69	2021	2021-48176	2021-CID-809410	2021-809410		need 1(strap)	474組	Deleted		2-400984, to be fabricated	Week46
71	2021	2021-48249	2021-CID-809501	2021-809501		need 1(strap)	474組	Deleted		2-400984, to be fabricated	Week46
72	2021	2021-48249	2021-CID-809502	2021-809502		need 1(strap)	474組	Deleted		2-400984, to be fabricated	Week46
73	2021	2021-48170	2021-CID-809505	2021-809505		need 1(strap)	474組	Deleted/8-20212	無圖	2-400984, to be fabricated	Week46
74	2021	2021-48170	2021-CID-809506	2021-809506		need 1(strap)	474組	Deleted		2-400983, to be fabricated	Week46
75	2021	2021-48170	2021-CID-809507	2021-809507		need 1(strap)	474組	Deleted		2-400984, to be fabricated	Week46
76	2021	2021-48170	2021-CID-809508	2021-809508		need 1(strap)	474組	Deleted		2-400984, to be fabricated	Week46
77	2021	2021-48170	2021-CID-809509	2021-809509		need 1(strap)	474組	Deleted		2-400983, to be fabricated	Week46
78	2021	2021-48170	2021-CID-809510	2021-809510		need 1(strap)	474組	Deleted		2-400984, to be fabricated	Week46
79	2021	2021-48170	2021-CID-809511	2021-809511		need 1(strap)	474組	Deleted		2-400983, to be fabricated	Week46
81	2021	2021-48170	2021-CID-809518	2021-809518		need 1(strap)	474組	Deleted		2-400983, to be fabricated	Week46
82	2021	2021-48184	2021-CID-809601	2021-809601		need 1(strap)	474組	Deleted		2-400984, to be fabricated	Week46
83	2021	2021-48184	2021-CID-809603	2021-809603		need 3(strap)	474組	Deleted		2-400984, to be fabricated	Week46
84	2021	2021-48184	2021-CID-809604	2021-809604		need 1(strap)	474組	Deleted		2-400984, to be fabricated	Week46
85	2021	2021-48184	2021-CID-809605	2021-809605		need 1(strap)	474組	Deleted		2-400984, to be fabricated	Week46
86	2021	2021-48184	2021-CID-809606	2021-809606		need 1(strap)	474組	Deleted		2-400984, to be fabricated	Week46
87	2021	2021-48184	2021-CID-809607	2021-809607		need 1(strap)	474組	Deleted		2-400984, to be fabricated	Week46
88	2021	2021-48184	2021-CID-809608	2021-809608		need 3(strap)	474組	Deleted		2-400984, to be fabricated	Week46
89	2021	2021-48354	2021-CID-809610	2021-809610		need 1(strap)	474組	Deleted		2-400983, to be fabricated	Week46
90	2021	2021-48184	2021-CID-809612	2021-809612		need 1(strap)	474組	Deleted/8-20212	無圖	2-400983, to be fabricated	Week46
121	2021	2021-48186	2021-CID-810002	2021-810002	2-4/1	need shortage 2 [2;PH10]	474組	8-20195	√	steel, to be fabricated	week48
349	2021	2021-48344	2021-ANC-813205	2021-813205	1/2-12	shortage 12 [12;PH10]	474組+	8-20176/8-20195		ready for shipment week 43/44	ready for shipment week 43/44
368	2021	2021-48191	2021-CID-814702	2021-814702	2.3, 4(shortage 5/1 4/1)	shortage 4	199組	8-20191	√	ready for shipment week 43/44	ready for shipment week 43/44
385	2021	2021-48217	2021-CID-814804	2021-814804	2-5(wrong 5/1)	wrong 5	199組	8-20191	√	ready for shipment week 43/44	ready for shipment week 43/44
467	2021	2021-48187	2021-CID-815309	2021-815309	2-5(shortage 5/1)	shortage 5	199組	8-20191	√	ready for shipment week 43/44	ready for shipment week 43/44
549	2021	2021-48170	2021-CID-819220	2021-819220	1/2	shortage 1 [1;PH15]	474組	Fabrication		steel, to be fabricated	week48
555	2021	2021-48019	2021-CID-819309	2021-819309		need 22(strap), 23(U- bolt), 30(U-bolt), 32(Insult)	474組	Deleted		2-400984, to be fabricated	Week46

附件 6



LISEGA AG · Postfach 1357 · D-27393 Zeven

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LIS-TPC-MS033B-001017
Response Required: No
Response due:

G核火 0090901333

Ihr Zeichen
Your Ref.

Ihr Schreiben
Your Letter

Unser Zeichen
Our Ref.

Durchwahl
Direct dial

Datum
Date

HLE

-283

Sep 25, 2009

SUBJECT: LUNG MEN NUCLEAR POWER PROJECT UNIT 1
CONTRACT No. 8749511M033B0
Pipe Support (ASME Code Section III, Division 1, Class 1,2,3)

Expediting the Delivery of 199 & 474 sets of supports for RPV Hydro of Unit 2

- References:**
- 1. N4F-00906009192-BID dated July 24, 2009
 - 2. LIS-TPC-MS033B-001004 dated July 31, 2009
 - 3. N4F-00908000051-BID dated September 03, 2009

台電核能火力發電工程處		
外	SEP 28 2009	文
G核火 00909-01333		

Dear Mr. Lai,

After reviewing the information provided via Ref. 3 we have the following comments:

1. **2B21-ANC-809315/809420/809517:**
Anchors need to be fabricated and shipped, target ex-works date: Week 44
2. **2B21-ANC-809405/809503/818911:**
Friction blocks need to be fabricated and shipped, target ex-works date: Week 44
3. **2B31-GUD-801015:**
Steel needs to be fabricated and shipped, target ex-works date: Week 44
4. **2B21-GUD-810002/814804/814702/815309 + 2B21-ANC-809909**
2B31-GUD-801304/801915/801201
Steel for all listed supports needs to be fabricated and shipped, target ex-works date: Week 44
5. **11 Supports addressed via RIR / LM-PPD-466/468:**
Material needs to be fabricated and shipped, target ex-works date: Week 44

Best regards,

LISEGA AG

Dr. Holger Leistner
Director Process Management

CC: Mrs. Me Yin Chen (Fax +886-2-8791-0705)
Mr. D. C. Chiu (Fax +886-2-24902402)

U1 steel re-fab status

No.	Support No.	Lisega Com.	status	Ex Works date	RIR-letter
					LCO-LIS-MS033B-MFAX-00027 N4F-00809002921-GNL N4F-00809002921-GNL
1	1B21-ANC-815702	33061312	in fab	appr. week 41	
2	1B21-GUD-801103	33061312	in fab	appr. week 41	not traceable at the moment
3	1B21-GUD-801501	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-0039 N4F-00903009761-GNL
4	1B21-GUD-807108	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-0039 N4F-00903009761-GNL
5	1B21-GUD-807305	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00035 N4F-00811003891-GNL
6	1B21-GUD-807306	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-0039 N4F-00903009761-GNL
7	1B21-GUD-808003	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00016 N4F-00808003111-GNL
8	1B21-GUD-810704	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00022 N4F-00808006751-GNL
9	1B21-GUD-812706	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00014 N4F-00807002211-GNL
10	1B21-GUD-813220	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00027 N4F-00809002921-GNL N4F-00809002921-GNL
11	1B21-GUD-813323	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00027 N4F-00809002921-GNL N4F-00809002921-GNL
12	1B21-GUD-813511	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00027 N4F-00809002921-GNL N4F-00809002921-GNL
13	1B21-GUD-814525	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00016 N4F-00808003111-GNL
14	1B21-GUD-814527	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00016 N4F-00808003111-GNL
15	1B21-GUD-817104	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00020 N4F-00809000481-GNL
16	1B21-GUD-817376	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00027 N4F-00809002921-GNL N4F-00809002921-GNL
17	1B31-ANC-803201	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00027 N4F-00809002921-GNL N4F-00809002921-GNL
18	1B31-GUD-800101	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00035 N4F-00811003891-GNL
19	1B31-GUD-800412	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00019 N4F-00809001961-GNL
20	1B31-GUD-800715	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00019 N4F-00809001961-GNL
21	1B31-GUD-800912	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00020 N4F-00809000481-GNL
22	1B31-GUD-801501	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00022 N4F-00808006751-GNL
23	1E11-GUD-804609	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00019 N4F-00809001961-GNL
24	1E11-GUD-807002	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00020 N4F-00809000481-GNL
25	1E11-GUD-808201	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00019 N4F-00809001961-GNL
26	1E11-GUD-808204	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00018 N4F-00808003141-GNL
27	1E11-GUD-808701	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00019 N4F-00809001961-GNL
28	1G31-GUD-0810	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00027 N4F-00809002921-GNL N4F-00809002921-GNL
29	1G31-GUD-2137	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00020 N4F-00809000481-GNL
30	1G31-GUD-800301	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00022 N4F-00808006751-GNL
31	1G31-GUD-808118	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00036
32	1G41-GUD-800102	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00035 N4F-00811003891-GNL
33	1G41-GUD-802201	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00035 N4F-00811003891-GNL
34	1G41-STRT-0327	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00035 N4F-00811003891-GNL
35	1G51-GUD-802440	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-0040 N4F-00903009041-GNL
36	1G51-GUD-802467	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-0040 N4F-00903009041-GNL
37	1P11-ANC-801908	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00027 N4F-00809002921-GNL N4F-00809002921-GNL
38	1P11-GUD-801301	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00029 N4F-00808011301-GNL

No.	Support No.	Lisega Com.	status	Ex Works date	RIR-letter
39	1P21-ANC-1243	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00016 N4F-00808003111-GNL
40	1P21-ANC-1410	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00016 N4F-00808003111-GNL
41	1P21-ANC-1411	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00027 N4F-00809002921-GNL N4F-00809002921-GNL
42	1P21-ANC-817657	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00027 N4F-00809002921-GNL N4F-00809002921-GNL
43	1P21-ANC-822103	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-0040 N4F-00903009041-GNL
44	1P21-GUD-801801	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00027 N4F-00809002921-GNL N4F-00809002921-GNL
45	1P21-GUD-802003	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00019 N4F-00809001961-GNL
46	1P21-GUD-803204	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00027 N4F-00809002921-GNL N4F-00809002921-GNL
47	1P21-GUD-809804	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00027 N4F-00809002921-GNL N4F-00809002921-GNL
48	1P21-GUD-810602	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00005 N4F-00711015571-GNL
49	1P21-GUD-813301	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00016 N4F-00808003111-GNL
50	1P21-GUD-817502	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00033 N4F-00808004751-GNL
51	1P21-GUD-817514	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00027 N4F-00809002921-GNL N4F-00809002921-GNL
52	1P21-GUD-817542	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00027 N4F-00809002921-GNL N4F-00809002921-GNL
53	1P21-GUD-818201	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00027 N4F-00809002921-GNL N4F-00809002921-GNL
54	1P21-GUD-818210	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00027 N4F-00809002921-GNL N4F-00809002921-GNL
55	1P21-GUD-826406	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-0040 N4F-00903009041-GNL
56	1P21-GUD-826503	33061312	in fab	appr. week 41	not traceable at the moment
57	1P21-GUD-827314	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-0040 N4F-00903009041-GNL
58	1P25-ANC-802403	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00027 N4F-00809002921-GNL N4F-00809002921-GNL
59	1P25-GUD-801209	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00029 N4F-00808011301-GNL
60	1P25-GUD-802908	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00027 N4F-00809002921-GNL N4F-00809002921-GNL
61	1P25-GUD-803303	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00027 N4F-00809002921-GNL N4F-00809002921-GNL
62	1P54-ANC-800415	33061312	in fab	appr. week 41	LM-PPD-453
63	1P54-GUD-800418	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00035 N4F-00811003891-GNL
64	1P54-GUD-801730	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00035 N4F-00811003891-GNL
65	1P54-GUD-802602	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00035 N4F-00811003891-GNL
66	1T31-GUD-800109	33061312	in fab	appr. week 41	not traceable at the moment
67	1T62-GUD-800232	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00035 N4F-00811003891-GNL
68	1T62-GUD-800316	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00028 N4F-00809005691-GNL
69	1T62-GUD-800332	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00035 N4F-00811003891-GNL
70	1T62-GUD-800901	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00020 N4F-00809000481-GNL
71	1T63-ANC-801232	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00034
72	1T63-GUD-800822	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-0040 N4F-00903009041-GNL
73	1P21-GUD-816644	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00027 N4F-00809002921-GNL N4F-00809002921-GNL
74	1B21-GUD-812104	33061312	in fab	appr. week 41	LCO-LIS-MS033B-MFAX-00016 N4F-00808003111-GNL
75	1G51-STRT-802419	33061314	in fab	appr. week 41	not in RIR List
76	1B21-GUD-815003	33061315	in fab	appr. week 41	not in RIR List

U2 product re-fab status

No.	Support No.	Lisega Com.	status	Ex Works date	RIR-letter
1	2B21-SNB-0779	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0051
2	2B31-GUD-800101	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
3	2B31-GUD-800126	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
4	2B31-GUD-800310	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
5	2B31-GUD-800317	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
6	2B31-GUD-800320	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
7	2B31-GUD-800321	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
8	2B31-GUD-800323	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
9	2B31-GUD-800325	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
10	2B31-GUD-800608	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
11	2B31-GUD-800614	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
12	2B31-GUD-800624	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
13	2B31-GUD-800627	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
14	2B31-GUD-800629	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
15	2B31-GUD-800630	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
16	2B31-GUD-800912	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
17	2B31-GUD-800914	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
18	2B31-GUD-801216	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
19	2B31-GUD-801509	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
20	2B31-GUD-801810	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
21	2B31-GUD-801811	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
22	2B31-GUD-801812	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
23	2B31-GUD-801816	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
24	2B31-GUD-801817	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
25	2B31-GUD-802107	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
26	2B31-GUD-802109	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
27	2B31-GUD-802112	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
28	2B31-GUD-802113	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
29	2B31-GUD-802301	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
30	2B31-GUD-802401	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
31	2E11-804610	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
32	2P11-GUD-802251	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
33	2P21-GUD-804703	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
34	2P21-GUD-804704	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
35	2P21-GUD-816626	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
36	2P21-GUD-816643	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
37	2P21-GUD-817402	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
38	2P21-GUD-817413	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
39	2P21-GUD-821601	3306132	QRP issues	appr. week 40	LCO-LIS-MS033B-MFAX-0043
40	2B21-GUD-815002	33061325	in fab	appr. week 43	not in RIR List
41	2B21-GUD-815003	33061325	in fab	appr. week 43	not in RIR List

U2 steel re-fab status

No.	Support No.	Liseqa Com.	status	Ex Works date	RIR-letter
1	2B21-ANC-813205	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
2	2B21-ANC-815651	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
3	2B21-ANC-817168	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
4	2B21-ANC-817263	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
5	2B21-ANC-817901	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
6	2B21-ANC-818101	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
7	2B21-GUD-0738	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
8	2B21-GUD-800403	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
9	2B21-GUD-800903	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
10	2B21-GUD-804002	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
11	2B21-GUD-804903	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
12	2B21-GUD-812706	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
13	2B21-GUD-812912	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
14	2B21-GUD-813021	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
15	2B21-GUD-813208	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
16	2B21-GUD-813210	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
17	2B21-GUD-813553	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
18	2B21-GUD-813608	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
19	2B21-GUD-813903	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
20	2B21-GUD-813914	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
21	2B21-GUD-814702	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
22	2B21-GUD-814804	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
23	2B21-GUD-815309	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
24	2B21-GUD-817112	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
25	2B21-GUD-817163	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
26	2B21-GUD-817373	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
27	2B21-GUD-817376	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
28	2B31-GUD-800106	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
29	2B31-GUD-800917	33061321	in fab	appr. week 43	N4F-00909006951-GNL
30	2B31-GUD-801201	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00035 N4F-00811003891-GNL
31	2B31-GUD-801802	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00035 N4F-00811003891-GNL
32	2B31-GUD-801817	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00035 N4F-00811003891-GNL
33	2B31-GUD-802719	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00035 N4F-00811003891-GNL
34	2B31-GUD-802818	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00035 N4F-00811003891-GNL

No.	Support No.	Lisega Com.	status	Ex Works date	RIR-letter
35	2B31-GUD-803104	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
36	2B31-GUD-803129	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
37	2B31-GUD-803306	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
38	2B31-GUD-803906	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
39	2B31-PH-800631	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0041 N4F-00904000481-GNL
40	2C41-ANC-800218	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
41	2C41-GUD-2113	33061321	in fab	appr. week 43	not traceable at the moment
42	2C41-GUD-800114	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00015 N4F-00807011121-GNL
43	2E11-GUD-801905	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
44	2E11-GUD-810902	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0044 N4F-00907010381-GNL
45	2E51-GUD-805208	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
46	2G31-GUD-0812	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
47	2G31-GUD-2137	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
48	2G31-GUD-2169	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
49	2G31-GUD-800903	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
50	2G31-GUD-801915	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
51	2G31-GUD-803701	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
52	2G31-GUD-804101	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
53	2G31-GUD-804403	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
54	2G31-GUD-806701	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
55	2G31-GUD-806801	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
56	2G31-GUD-808513	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0044 N4F-00907010381-GNL
57	2G31-GUD-808526	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
58	2G41-GUD-800802	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
59	2G41-GUD-806301	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0044 N4F-00907010381-GNL
60	2G41-GUD-808305	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00035 N4F-00811003891-GNL
61	2G51-ANC-0035	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
62	2G51-ANC-802401	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
63	2G51-ANC-802455	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
64	2G51-GUD-802003	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0044 N4F-00907010381-GNL
65	2G51-GUD-802423	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
66	2G51-STRT-802420	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0044 N4F-00907010381-GNL
67	2K11-ANC-800407	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
68	2K11-GUD-800101	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL








No.	Support No.	Lisega Com.	status	Ex Works date	RIR-letter
69	2K11-GUD-800602	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
70	2N22-GUD-800201	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00035 N4F-00811003891-GNL
71	2N22-GUD-800801	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00035 N4F-00811003891-GNL
72	2P11-ANC-801945	33061321	in fab	appr. week 43	not traceable at the moment
73	2P11-GUD-800341	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
74	2P11-GUD-802262	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
75	2P11-GUD-802263	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
76	2P11-GUD-802265	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
77	2P13(8)-ANC-800401	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
78	2P13-GUD-800202	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-00035 N4F-00811003891-GNL
79	2P13-GUD-802815	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
80	2P21-ANC-1246	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
81	2P21-ANC-803710	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
82	2P21-GUD-800407	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
83	2P21-GUD-802501	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
84	2P21-GUD-802502	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
85	2P21-GUD-803204	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
86	2P21-GUD-804906	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
87	2P21-GUD-810303	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0041 N4F-00904000481-GNL
88	2P21-GUD-810901	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0041 N4F-00904000481-GNL
89	2P21-GUD-814202	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
90	2P21-GUD-815603	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
91	2P21-GUD-816521	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0044 N4F-00907010381-GNL
92	2P21-GUD-816650	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
93	2P21-GUD-817508	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
94	2P21-GUD-817540	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
95	2P21-GUD-817801	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
96	2P21-GUD-817913	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
97	2P21-GUD-821903	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
98	2P21-GUD-822501	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0041 N4F-00904000481-GNL
99	2P21-GUD-826205	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
100	2P21-GUD-826406	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0044 N4F-00907010381-GNL
101	2P21-GUD-826503	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
102	2P21-GUD-827004	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
103	2P21-GUD-827314	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0044 N4F-00907010381-GNL

No.	Support No.	Lisega Com.	status	Ex Works date	RIR-letter
104	2P21-817536	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0044 N4F-00907010381-GNL
105	2P25-ANC-802403	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
106	2P25-ANC-802805	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
107	2P25-GUD-805308	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
108	2P25-GUD-806009	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
109	2P51-ANC-800811	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
110	2P54-ANC-800417	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
111	2P54-GUD-800436	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0044 N4F-00907010381-GNL
112	2P54-GUD-802602	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0047 N4F-00909006951-GNL
113	2P56-ANC-801501	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
114	2T49-GUD-801003	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0044 N4F-00907010381-GNL
115	2T62-GUD-800158	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
116	2T62-GUD-800357	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0048
117	2T63-GUD-801237	33061321	in fab	appr. week 43	LCO-LIS-MS033B-MFAX-0041 N4F-00904000481-GNL
118	2B21-GUD-815003	33061325	in fab	appr. week 43	not in RIR List

台灣電力公司
核能火力發電工程處 簽辦用箋



收文	字號
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第 壹 頁 (橫式)

簽辦單位	擬 辦 或 會 核 意 見
外購組	<p>一、本件係龍門一、二號機 M033B 合約廠商 Lisega AG 與本公司「核技處」澄清管架相關事宜時，同時催促兩封本公司尚未回覆信函，經檢視上述 e-mail 信函(如附)，本處收文分別為 G 核火 00906-00489 dated 6/10/2009 (LIS-TPC-MS033B-000977) 與 G 核火 00904-00784 dated 4/23/2009 (LIS-TPC-MS033B-000950)，其內容為 Lisega AG 說明 RIR 短缺項目，並由「供應組」辦理中。</p> <p>二、上述兩封信函之 RIR 短缺項目，若「供應組」尚未函覆，則擬移請「供應組」惠予回覆廠商。</p> <p>擬會「供應組」後</p> <p>陳</p> <p>賴 計畫經理</p> <p>補充說明如後附。</p>
	  
供應組	<p>擬請龍門施工處針對(LIS-TPC-MS033B-000977)與(LIS-TPC-MS033B-000950)二封有關 Lisega 來函澄清 RIR 短缺項目處理情形的函件^{檢閱}回復 Lisega。陳</p> <p>閱後電傳龍門施工處惠辦。</p>
	   

台灣電力公司 簽辦用箋

文 號	
檔 號	
保存年限	

簽辦單位	擬 辦 或 會 核 意 見
核火工處	主旨：龍門計畫 M033B 合約，有關短缺損案如說明。
	說明：
	一、 職於 9 月中旬赴德國合約廠商 Lisega 辦理稽催工作，有
	關旨述事宜，Lisega 並不認同所有短缺損項目均屬該公司
	責任，經洽請 Lisega 儘速配合後，已承諾交貨時程清單
	如附件 2。
	二、 據 Lisega 表示，該公司曾於 98.4.22 及 98.6.10 函覆旨述
	事宜，本公司均未回應，故該兩文件所述及之項目均未處
	理，為免疏失，請「供應組」速洽龍門施工處函覆為宜。
	三、 上述相關電子檔已分別 e-mail 送龍門施工處汽源組及配管
	組參酌。
	 



LISEGA AG · Postfach 1357 · D-27393 Zeven

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HOCHKAMP · D-27404 ZEVEN
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TEL. 04281/713-0 · FAX 04281/713-214
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Internet: www.lisega.de

LIS-TPC-MS033B-000950

Response Required:

Response due:

Ihr Zeichen
Your Ref.

Ihr Schreiben
Your Letter

Unser Zeichen
Our Ref.

Durchwahl
Direct dial

Datum
Date

HLE

-283

April 22, 2009

SUBJECT: LUNG MEN NUCLEAR POWER PROJECT UNIT 1
CONTRACT No. 8749511M033B0
Pipe Support (ASME Code Section III, Division 1, Class 1,2,3)

Small Bore Pipe Supports for BONI - Shortage List

References: 1. N4F-00903001771-GNL dated March 16, 2009
2. LIS-TPC-MS033B-000947 dated April 06, 2009

Dear Mr. Lai

We have finished the review of the short shipped items list. Unfortunately, you did not respond to our request to provide the list in an electronic format. This led to some difficulties within the review process, especially caused by the limited readability of some line items.

1. The comparison of the RIRs with the list provided by reference 1 resulted in some inconsistencies. Your list shows some items for supports which we could not identify in any RIR. This supports are the following:

1B21-SNB-0784	1P11-GUD-803301
1B21-GUD-801103	1P21-GUD-824802
1B21-ANC-803901	1P21-GUD-825702
1B21-GUD-807108	1P21-GUD-826503
1B21-GUD-807108	1P52-GUD-803802
1B21-GUD-807108	1P52-GUD-803804
1B21-ANC-815651	1P54-GUD-800605
1B21-GUD-817382	1P54-ANC-802801
0G42-GUD-804502	1T31-GUD-800109
1P11-STRT-801935	1T31-GUD-801105
1P11-GUD-802264	1T62-GUD-800154

We assume that your claim is right anyway.

2. There are supports for which the missed parts are not part of the part list. This affects the following supports and parts:

1B21-ANC-815551	2-400264	no mat. by LISEGA
1B31-GUD-800924	2-400364	no mat. by LISEGA
1P54-GUD-800605	Strap	no strap on dwg
1P54-ANC-802801	Anchor	no anchor on dwg
1T62-GUD-800154	Strap	no strap on dwg

3. Furthermore, we identified that some of the missing parts are shop welded to other ones. We believe that those parts were delivered but missed during the inspection process. The following supports and parts are affected:

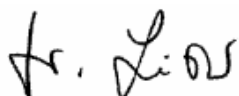
1B21-GUD-807903	P2.02	2-PL167-2	shop welded to TS 51x51x6 (item3)
1B21-GUD-813409	P10.05	2-PL107-2	shop welded to TS 102x102x12 (item3)
1B21-GUD-817011	P11.02	2-PL167-2	shop welded to TS 76x76x6 (item3)
1B21-GUD-817535	P12.02	2-PL167-2	shop welded with TS 76x76x6 (item 4)
1B31-GUD-801805	P2.02	2-PL106-2	shop welded to TS 76x76x6 (item3)
1B31-GUD-802003	P16.04	2-PL106-2	shop welded to TS 51x51x6 (item3)
1B31-GUD-802904	P3.04	2-PL106-2	shop welded to TS 51x51x6 (item3)
1K11-ANC-800305	P1.03	2-PL107-2	shop welded to TS 100x100x12 (item 4)
1K11-PRST-800306	P1.04	2-PL156-2	shop welded to TS 75x75x8 (item 6)
1N22-GUD-800805	P1.03	2-PL167-2	shop welded to TS 51x51x6 (item 6)
1P11-GUD-801921	P14.03	2-PL106-2	shop welded to TS 51x51x6 (item2)
1P21-GUD-817538	P10.02	2-PL107-2	shop welded to TS 76x76x6 (item 1)
1P25-GUD-801702	P2.02	2-TS097-2	shop welded to PL 6x120x120 (item 5)
1P31.-ANC-800902	P4.11	2-PL107-2	shop welded to TS 102x76x6 (item 6)
1P31.-ANC-800902	P4.12	2-PL107-2	shop welded to TS 76x76x6 (item 5)
1P51-ANC-800811	Item 5		shop welded to TS 76x51x6 (item 2)
1T62-GUD-800165	P13.02	2-PL106-2	shop welded to TS 76x76x6 (item 3)

4. For support 1E51-GUD-805210 the part 354953 should have been dispatched together with the steel work.
5. There are two supports for which the shipped size is longer than the needed. We suggest to cut such pieces at site as easiest and most practical solution.

1B21-ANC-815702	P4.03	TS 102x102x10 L=309
1P25-ANC-803402	P8.03	TS 102x102x13 L=1218

Sincerely yours,

LISEGA AG



Dr. Holger Leistner
Director Process Management

CC: Mr. D. C. Chiu (Fax +886-2-2490-2402)

LISEGA AG · Postfach 1357 · D-27393 Zeven

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LIS-TPC-MS033B-000977

Response Required:

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Your Letter

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Direct dial

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-283

June 10, 2009

SUBJECT: LUNG MEN NUCLEAR POWER PROJECT UNIT 1
CONTRACT No. 8749511M033B0
Pipe Support (ASME Code Section III, Division 1, Class 1,2,3)

Small Bore Pipe Supports for CRD and BONI Unit 2 - Shortage List

Dear Mr. Lai

We have finished the review of the short shipped items list and the Receiving Inspection Reports in regard to CRD and BONI for Unit 2. Please see our comments as follows:

1. There are supports for which the missed parts are not part of the part list. This affects the following supports and parts:

Hanger Mark	Item No.	Comment
2B21-ANC-809909	P1,2,3	TS 102x76x6 not contained in support
2B21-SNB-0784	P2,3,4,5,6,7	TS 102x76x10 not contained in support
2C12-GUD-800137/140/164/165	P5	TS 76x76x10 not contained in support
2C12-GUD-800137/140/164/165	P6	TS 76x76x10 not contained in support
2C12-GUD-800137/140/164/165	P9	TS 76x76x10 not contained in support
2C12-GUD-800237/255/256/257	P9	TS 102x76x6 not contained in support
2C12-GUD-800405	P3	part 3 is no TS203x152x12
2C12-GUD-800405	P37.01	only 1 contained not 12
2C12-GUD-800406	P28	TS 102x76x12 not contained in support
2C12-GUD-800406	P5	TS 102x76x12 not contained in support
2C12-GUD-800406	P29	TS 102x76x12 not contained in support
2C12-GUD-800406	P30	TS 102x76x12 not contained in support
2C12-GUD-800419	14	TS 152x152x10not contained in support
2C12-GUD-800419	18	TS 152x152x10not contained in support
2C12-GUD-800403	P12	part 12 is Plate 6 not TS152x102x12
2C12-GUD-800405	P4	only one contained not 3

2. Furthermore, we identified that some of the missing parts are shop welded to other ones. We believe that those parts were delivered but missed during the inspection process. The following supports and parts are affected:

Hanger Mark	Item No.	Comment
2B21-GUD-810002	P2	shop welded to TS 51x51x6 (item 3)
2B21-GUD-811018	P2	shop welded to PL 12x50x199 + PL 12x50x204 (item 3+4)
2B21-GUD-813008	P4	shop welded to TS 76x76x6 (item 2)
2B21-GUD-814619	P7	shop welded to TS 76x76x6 (item 3)
2B21-GUD-817101	P2	shop welded to TS 102x102x10 (item 3)
2B21-SNB-0784	P2	should be welded to steel (see above comment)

3. There are three supports for which the shipped size is longer than the needed. We suggest to cut such pieces at site as easiest and most practical solution.

Hanger Mark	Item No.	Comment
2B21-ANC-812406	P2,4	should be cut at site
2B21-GUD-813317	P5	should be cut at site
2G31-GUD-800301	P1	should be cut at site

4. There are several supports for which you claim the entire support haven't been delivered although the supports are part of the packing list and the documentation. We believe that this is a receiving error.

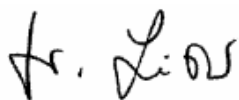
Hanger Mark
2B21-GUD-812201
2B21-GUD-814708
2B21-GUD-814708
2C41-GUD-800102
2C41-GUD-800120
2G51-GUD-800201
2G51-GUD-802410
2K11-ANC-800305
2P21-GUD-803604

5. There is one support for which you claim that we shipped several wrong materials. But based on the drawing the material is the right one.

2C12-GUD-800403	P6	plate 5 o.k
2C12-GUD-800403	P10	plate 38 o.k
2C12-GUD-800403	P18	plate 38 o.k.

Sincerely yours,

LISEGA AG



Dr. Holger Leistner
Director Process Management

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