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Our Ref: OM-LA/095

18 December 1997

MEMORANDUM

To : Members of Staff

From : Tan L S

Subject: Notes of Meeting between PUB/PowerGrid/Power Supply & ACES/IES

I am pleased to attach the notes of the above meeting held on 10 October 1997 for your information.

If you have any issues to be raised with PUB, PowerGrid or Power Supply, please let me know before the next meeting which is scheduled on 16 January 1998.

TAN L S

Distribution:

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PUBLIC UTILITIES BOARD · SINGAPORE
111 SOMERSET ROAD #15-01 SINGAPORE 238164 • REPUBLIC OF SINGAPORE
TEL: 2358888

Our Ref:

Your Ref: FAX TO: ALL M/E MEMBERS (17.12.97)
- FOR INFO.

16 Dec 97

Tel : 7313440
Fax : 7313073

ALPHA
17 DEC 1997
FAX RECEIVED

Association of Consulting Engineers,
Singapore
51 Anson Rd #11-55
Singapore 079904

Dear Sirs

NOTES OF MEETING BETWEEN ACES/IES/PUB/POWERGRID/POWER SUPPLY

We are pleased to forward the notes of meeting held on 10 Oct 97 for your information. Please circulate to your representatives and inform them of the next meeting scheduled for 16 Jan 98 at 2.30 pm at PUB 15th Storey Conference Room.

Yours faithfully

NG KONG
SR MANAGER (INSPECTORATE)
for DIRECTOR, REGULATION DEPARTMENT

ENC

ACES
President
Vice-Pres
Hon. Sec.
Hon. Treas.
Date Rec'd 17 DEC 1997
Remarks/Action:
Copies to:
Mr. Tan Lee Seong
Mr. Leong Kok Seong

ACES Representatives

USE WATER WISELY

MEETING BETWEEN ACES/IES/PUB/POWERGRID/POWER SUPPLY

NOTES OF MEETING HELD ON 10 OCT 97, 2.30 PM

Venue: PUB Regulation Department Conference Room, 111 Somerset Road

Present:

Er Tan Lai Siong	ACES
Er Leong Kok Yong	ACES
Er Ong Ser Huan	IES
Er Ng Kong	PUB
Er Shen Sin Fon	PowerGrid
Er Ong Seng Wei	PowerGrid
Er Pang Boon Kiat	Power Supply

Matters Discussed:

1 **Confirmation of Previous Meeting Notes:**

The notes of the previous meeting held on 4 Jul 97 were confirmed without amendment.

2 **Matters Arising:**

2.1 Revised Regulations under the PU Act

The meeting noted that Mr Ng Kong had delivered a talk to IES members on the above on 27 Sep 97 where more than 70 members attended. Matter closed.

2.2 Guidelines Issued by PUB

IES commented that suspension of licence based on record of warning letters issued for late/non-submission of **inspection reports** to ACES/IES members were harsh and requested PUB to review them. PUB replied that discretion would be exercised in each case. IES went further to propose the setting up of a tribunal to handle cases which PUB might have to take action to revoke the licenses of electrical engineers. Agreeing to this, PUB suggested that the tribunal should comprise senior ACES/IES members.

IES also enquired whether extension of time can be given for submission of **single-line drawings**. PUB replied that this can be acceded to on condition that valid reasons be given.

2.3 *Application for appointment for electricity supply turn-on by fax*

Matter closed.

Other Matters:

2.4 *Supply turn-on*

ACES enquired whether Power Supply could waive the current requirement for the applicant to be present during turn-on of electricity supply. Power Supply replied that it is PUB's requirement that for licensed electrical installation the applicant is to acknowledge the turn-on of electricity supply to the installation. However, it is allowable for the applicant to authorise in writing for his representative to attend and acknowledge the turn-on of electricity supply.

If the applicant is a company/organisation, a person who comes under the direct employment of the company/organisation is allowed to represent the company or organisation to acknowledge the turn-on of electricity supply without the need for letter of authorisation provided the person is able to show proof on site that he is employed by the company/organisation.

2.5 *Name of 'Licensed Electrical Worker'*

ACES/IES requested that the description 'licensed electrical worker' be changed to 'qualified electrical person'. PUB replied that they will bear this in mind when they have the opportunity to amend the relevant Act.

2.6 *Equipotential bonding to water pipe*

ACES pointed out that in some cases although the main equipotential bonding was provided to the main water pipe just after the water meter outside the building, Power Supply staff requested the LEW to undertake to joint up the discontinuous section of the water pipe such that electrical continuity is maintained. Power Supply replied that it is the responsibility of the LEW to ensure that the electrical continuity of the metallic water pipe is maintained in order to effect the equipotential bonding. Therefore, equipotential bonding conductor is required to be provided at any discontinuous point of conductivity of the metallic water pipe such as insulated joint and discontinuous section. ACES requested PUB to make it as a requirement for the plumber to ensure that the metallic water pipe joint is properly made and the conductivity is maintained continuous at every joint.

2.7 ***Taking-over of substation***

ACES enquired whether PowerGrid's officers can accept minor deviations from approved plans due to site constraints and whether they can inspect and resolve site problems encountered before the final take-over of substations. PowerGrid replied that substations should be constructed in accordance with approved plans to ensure high quality of work. On the request to inspect substation before taking over, PowerGrid would only accede on exceptional cases with justifications.

2.8 ***Height of overhead linkway structure across private roads***

ACES enquired whether PowerGrid's requirement of 4.5 metres for the above (which follows LTA's requirement for overhead linkways across public roads) can be reduced. PowerGrid replied that the requirement is for safety considerations.

2.9 ***ADMD for multi-storey residential units***

ACES commented that the existing guidelines on ADMD to be applied for multi-storey residential units are high, and this often resulted in larger substation requirements. PowerGrid was requested to review the guidelines on ADMD.

3.0 The next meeting has been scheduled on 16 Jan 98, 2.30 pm at PUB 15th-storey Conference Room.