

Task Force for SA Plan for Power Supply System of ABCD Project

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| + Dr. Liu | Project Leader; Major Technical Executive |
| + Mr. Lo | Project Contact Party; Major Integration Executive |
| + Miss Huang | JP Language Integration; JP Team Supervisor |
| + Mr. Yang | Project Engineer; Technical Executive |
| + Mr. Kao | Project Assistant Engineer; Technical Assistant |

+ Dr. Liu

Position in Project **Project Leader; Major Technical Executive**

Position in UniteTek **RAMS Consultant, Technical Consultant Dept.**

Expertise RAMS in railway sector, Safety analysis on nuclear power plants

BS of Atomic Engineering

Qualification MS of Nuclear Engineering

Docteur en Mécanique et Thermique

Key Experiences

2006~ now Senior Engineer of Hsin Lu Engineering Consultancy

2005 ~ 2006 Senior Engineer (Supervisor) of CEC

1998 ~ 2004 Safety Consultant of THSRC

Taiwan High Speed Rail project is aiming at providing a new intercity transportation with remarkable punctuality and safety. My involvement was to provide technical supports to Safety Manager on all safety issues.

1996 ~ 1998 Associated Researcher of Nuclear Research Laboratory in Tsing-Hua University

Level 2 Safety Analysis of Tai-power Nuclear Power Plants 1~3

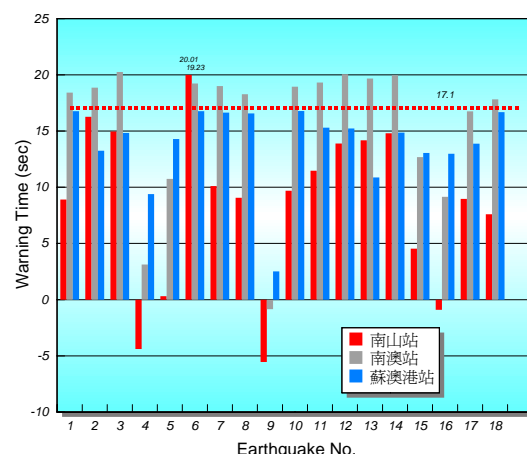
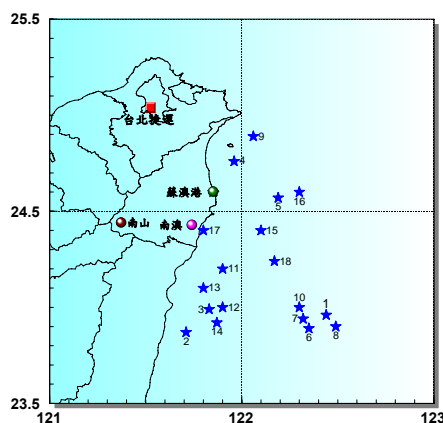
1985 ~ 1990 Assistant Researcher of Chung-Shan Institute of Science and Technology

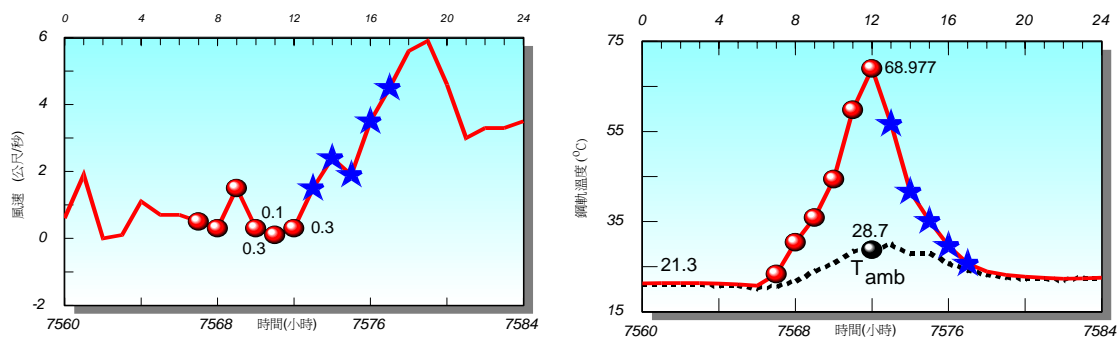
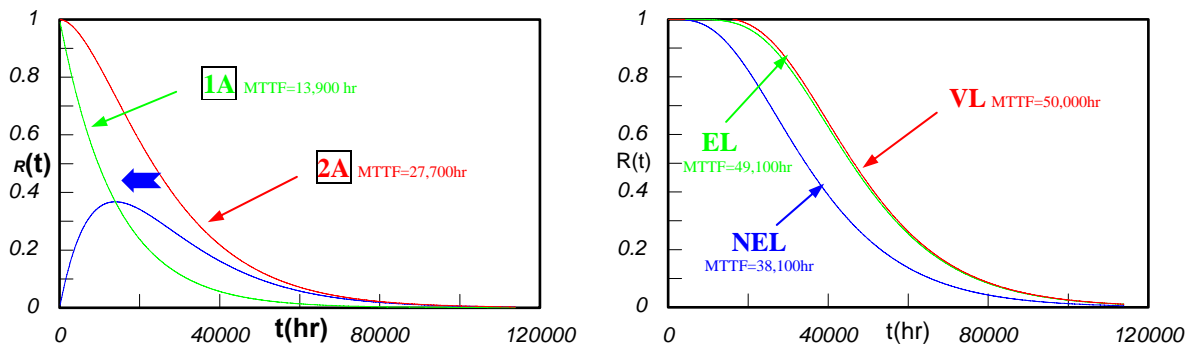
Publications

1 'A Risk Management System for Railway Transportation'

Proceedings of International Conference on Rail Transportation of New Century, pp203-218, Tamkang University, October 2000.

2 'Study of Earthquake Early Detection & Warning System for Taipei MRT'



3 'Thermal behavior of Continuous Welding Rail (CWR) under solar radiation'4 'Electricity reliability analysis of MRT station service loads' (under publication)**+ Mr. Lo**

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| Position in Project | Project Contact Party; Major Integration Executive |
| Position in UniteTek | PA Manager, System Integration Dept. |
| Expertise | Project Development & Integration |
| Education | National Cheng Kung University, 1970/1974 |
| Qualification | BS, Surveying Engineering |
| Specialization | Business Management, Project Integration (Engineering Integration, and New Technology Development etc.) |
| Key Experience | International News Team Supervisor; Management and Marketing Development of Industries and Engineering (Patent, Intellectual Property, Technical Documentation, and Software & Hardware etc.) |

+ Miss Huang

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| Position in Project | JP Language Integration |
| Position in UniteTek | JP Team Supervisor; Technical Documentation Dept. |
| Profession | Marketing Development |
| Qualification | BS, Japanese Language |
| Specialization | MBA, Project Development (Marketing Research, and New Technology Development etc.) |

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| Key Experience | Technical and Marketing Development, Electronic Industry (Power Supply & LCD); Vice Project Manager, R &D Center, Yu-Long Nissan Ltd. (Global Marketing & Project Management) |
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+ Mr. Yang

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| Position in Project | Project Engineer; Technical Executive |
| Position in UniteTek | Senior RAMS Engineer, Technical Consultant Dept. |
| Expertise | Reliability, Availability, Maintainability and Safety (RAMS) and System Assurance. Vehicle system analysis, testing and integration. |
| Qualifications | M.S. – Aeronautical and Aerospace Engineering on Structural dynamics and Propulsion. B.S. – Mechanical Engineering. |
| Key Experience | Safety/Hazard Analysis, Hazard Management and RAM studies in accordance with International Standards for electrical/mechanical system and building service in Rail, Aerospace and Defense industries. Extensive knowledge for performing the system dynamic analysis, simulation, testing and integration in aerospace vehicle industry. A Team Consultant to System Assurance and RAMS activities for Station, Civil Work, Track, Core system and Depot of the Taiwan High Speed Rail Project. The consultant activities include: |
| 1996 – 2000 | Aeronautical Industry Development Company – Analysis Engineer, for IDF (Indigenous Defense Fighter) Project S-92 Helibus Project Vehicle ABS (Anti-skid Braking System) Project Light Rail Vehicle Project Medical Appliance Development Project |
| 1986 – 1996 | Aeronautical Industry Development Center, CSIST Analysis Engineer and Test Engineer, for IDF (Indigenous Defense Fighter) Project IDF Transonic Flutter Model Test in NASA |
| 1980 – 1984 | Energy Research Laboratories, ITRI (Industrial Technology Research Institute) Engineer, for Energy System design and testing for energy conservation Energy Audit Project for energy consumption of an industrial plant including various fields of chemistry, textile, electronics and power plant. |

+ Mr. Kao

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| Position in Project | Project Assistant Engineer; Technical Assistant |
| Position in UniteTek | Engineer, Engineering R & D Dept. |
| Expertise | Safety Engineering for Civil Work and Structure, |
| Qualification | B.Sc - Civil Engineering |
| Specialization | Reliability, Availability, Maintainability and Safety (RAMS) and System Assurance, Building Structural Analysis |
| Key Experience | Performing HAZOPs, Risk Assessments (FTA, ETA, and QRA), RCM, Design Review for the RAMS, Client Audits, RAMS Studies in accordance with International Standards for High Speed Rail Industries. |

• **Mr. Liu**

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| Position in Project | Project Assistant Engineer; Technical Assistant |
| Position in UniteTek | Engineer, Engineering R & D Dept. |
| Expertise | Quality Assurance Management, Project Development and Management, Manufacturing Management, Quality Assurance and Management, Industrial Engineering and Management, Computer Programming. |
| Qualification | Computer Science, B.S. – Software Engineering Industrial Engineering, B.S – Industrial Management Certificate of Statistical Method – Control Charts Method for Quality Certificate of ISO9000 Inner Audit Certificate of Supplier Quality Systems Requirements |
| Key Experience | Project Management, Quality Assurance, Quality Management, Quality Audit, Supplier/Subcontractor Management, Failure Mode Effect Analysis, Gauge Repeatability and Reproducibility, Specifying Verification & Validation Criteria (SOP, SIP), Process-Orientated System, Configuration Management. |