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| ***WORK EXPERIENCE***   * Nov.2018- Present Consultant to Project Management Department , China Nuclear Power Engineering Co.， Ltd. (CNPE) Beijing，China * In charge of Chapter 3&4 preparation of  ***Integrated Risk Management Approach in Life Cycle of Nuclear Power Plant*** to be published by IAEA * Summarized the project management experience over the past 10 years on EPC of NPP projects undertaken by CNPE. * Dec.2017- Nov. 2018 Deputy project manager in Global Innovation Nuclear Engineering Technology(GINET, a joint venture formed between CNNC and TarraPower for TWR reactor project in China) Beijing，China * Assigned by CNPE to GINET as deputy project manager in charge of pre-phase work for TWR-300 project (Traveling Wave Reactor) including preparation of pre-phase schedule, project cost estimation, project WBS, project organization structure and manpower plan, interface control manual, etc. (the project is not moving forward after the US government imposed restrictions on nuclear technology transfer to China in October, 2018). * Jan, 2008- Nov. 2017 deputy director, then director of Project Management Department , China Nuclear Power Engineering Co., Ltd. (CNPE) Beijing，China * In charge of preparation of organization structure of project team and manpower plan, schedule (by means of P6), cost estimation and risk management of NPP projects undertaken by CNPE. Also tracked the progress and analyzed the root causes for the schedule delay on critical path and proposed a solution for projects. Coordinated the critical interfaces between engineering and procurement, etc. * In charge of using Monte Carlo Analysis, quantitative risk analysis method, to identify the main risks and estimate the total durations of ACP1000 project, first of a kind reactor, Fuqing unit 5, before the start of construction. The base line of total durations of Fuqing unit 5 was decided accordingly. * Developed earned value payment for unit 5 and 6 of Fuqing project. * Served as project control manager for Fangjiashan NPP project and Fuqing NPP projects from January ,2008 to June, 2009. * Feb. 1995- Dec. 2007  Beijing Institute of Nuclear Engineering (BINE) Beijing，China * Assigned by BINE as deputy technology team leader in charge of Technology Transfer, involved in the whole process of bidding and tendering for Generation 3 PWR of Self-reliance Project in China from 2003 to 2007(discrete assignment). * Served as design manager in BINE in charge of development of CNP1500, advanced large-scale PWR, 4 loops, from June. 2002 to Dec. 2005. * Assigned by BINE to LingAo Nuclear Power Company as schedule control section chief from November, 1997 to May, 2002. (1) Mainly involved in the schedule control and interface control. (2) Assigned to Europe project team in Paris as control manager from November, 1999 to December, 2000. (3) Worked on feasibility study about how to reduce the construction durations from 62 months to 56 month for a single unit of Lingao phase 2 from November, 2001 to May, 2002; * Served as design manager in BINE in charge of Engineering management including feasibility research, concept design, preliminary design, detail design of NPP projects from February, 1995 to October, 1997 * Mar. 1986- Feb. 1995 Beijing Institute of Nuclear Engineering (BINE) Beijing，China * Involved in engineering design including feasibility research, concept design, preliminary design, detail design of multi projects from May,1991 to Februray,1995; * Assigned by BINE to DayaBay Nuclear Power Plant as a site engineer to prepare and issue piping and support isometric drawings to support prefabrication for erection of nuclear island from March, 1989 to April, 1991. * Involved in engineering design including concept design, preliminary design, detail design of multi non-nuclear projects from March, 1986 to March, 1989. * Jul.1984-Feb. 1986 The 7th Beijing Radio and Television Part Factory Beijing，China * severed as deputy section head of personnel section |
| ***EDUCATION***   * Sept, 2006- Sep, 2009 Tsinghua University, Beijing, China * Master of Engineering in Nuclear Energy and Nuclear Technology Engineering * Sept, 1979-Jul, 1984 Dalian University of Technology, Dalian, China * Bachelor of Engineering in Mechanical Manufacturing Engineering, Equipment and Automation |
| ***HONORS***   * Nov. 2018 First-prize winner on Management Innovation by CNNC * Dec. 2015 Third-prize winner on Management Innovation by CNNC * Dec. 2010 Outstanding employee in CNPE |
| ***LANGUAGE SKILLS***   * English * Fluent |
| ***OTHERS***   * Given lectures on schedule control and project organization of NPP to the training workshop organized by IAEA for participants from Iran in Beijing in October, 2018. * Invited by IAEA as a member of expert team to provide consultation on preparation work for the construction of the first NPP in Egypt in September, 2018. * Invited by IAEA as a member of expert team to provide consultation on Risk Management of commercial power reactor and SMR in Jordan in April, 2018. * Invited by IAEA to give lectures at the International Training Course organized by IAEA at KINGS in KOREA, July, 2017, including the following topics: design basis, safety analysis reports, codes and standards for design and construction, licensing activities, inspection activities of NPP construction or manufacturing process. * Invited by China Nuclear Energy Association(CNEA) as deputy review mission team leader to review the project management system of Guangdong Nuclear Power Engineering Company in June, 2017. * Developed earned value payment to replace previous one which didn’t work well and always resulted in delay payment to our subcontractors, consequently the shortage of cash flow to them. The new payment method was developed and applied to unit 5and 6 of Fuqing project in 2016 and up to now, 41 times of earned value payment for civil and erection contracts of NI, CI and BOP have been completed. The feedback demonstrates that the earned value payment is more conducive to guarantee the cash flow for subcontractors and project implementation. * Invited by CNEA as a member of review mission team to evaluate the construction management of Yangjiang NPP in October, 2012 and April, 2013. * Published a book, ***Practice and Innovation on Project Control of Nuclear Power Plant*** (ISNB 978-7-5022-88963-8) in August, 2018 (Chinese vision) |