

Kudankulam project 'ambassador' mantle falls on students

Experts explain safety measures; urge them to create awareness

Special Correspondent

MADURAI: Drawing youngsters' attention towards acute power crisis faced by Tamil Nadu, hundreds of school students have been roped in to be 'ambassadors' for Kudankulam Nuclear Power Plant and support commissioning of the project at the earliest.

By explaining the advanced safety features of nuclear plant to students, a movement to mobilise public opinion in a big way began here on Friday through a public interest initiative of Velammal Educational Trust.

Senior officials from Kudankulam Nuclear Power Plant have been invited to speak to students and create awareness among them at the two-day Nuclear Energy Educational Meet (NEEM-2012) at the Velammal College of Engineering and Technology on March 2 and 3.

After making the students realise the State's power shortage and how a 2,000-MW nuclear power plant, which is ready, could not be commissioned due to "vested interests and selfish individuals," an appeal was made to send telegrams to the Chief Minister demanding the immediate commissioning of KKNPP.



R. S. Sundar, Station Director, Kudankulam Nuclear Power Project, addressing a meeting in Madurai on Friday. PHOTO: S. JAMES

The advanced safety systems installed in Kudankulam and how the nuclear plant could withstand earthquake or tsunami besides the radiation proof design were explained by R.S. Sundar, Station Director, KKNPP, to students of various schools.

Initiating students into the movement, M.V. Muthuramalingam, chairman, Velammal Group of Educational Institutions, said that students were the best route to generate public opinion in support of the nuclear plant and defeat the 'vested interests' of persons who were behind the protests.

"Electricity is the basic

need for your studies, sleep and health. Students are the right ambassadors in this burning issue and through them we can reach out to their parents, relatives and friends. Thousands of Velammal students will be in this movement," he said.

Mr. Sundar urged the students to trust what the scientific community had been vouching on Kudankulam plant's safety.

Allaying fears

Allaying fears and "wrong information" spread among people on radiation, Mr. Sundar clarified that even if a person lived close to the plant all

the 365 days for 20 years continuously, he would have only radiation of just whatever came in one chest x-ray.

N. Suresh Kumar, Principal, Velammal College of Engineering and Technology, said that the objective of NEEM was to give factual information to youth and general public about Kudankulam plant at a time when the State was reeling under severe power shortage.

"On the one side, people are feeling frustrated and discomfort due to power cuts while there is one group making a hue and cry about the safety of nuclear energy," he added.

Shyam Prakash Gupta, chairman, Confederation of Indian Industry-Madurai, said that power crisis would have deep impact on economy since it created losses for industries/enterprises and would lead to unemployment.

"If a nuclear power plant that is ready is not put to use, we would miss a golden opportunity. Tamil Nadu may slip down several notches due to power shortage. With the Central Government indicating that the power generated at Kudankulam can be taken by our State, it is time to build public opinion in support of commissioning it," he said.

'KKNPP Wastes Will be stored on Site'

Station Director allays fears about the design and dangers associated with the nuclear plant

Express News Service

Madurai: Wastes from the Koodankulam Nuclear Power Project (KKNPP), other than plutonium, would be stored in the site itself, said R S Sundar, Station Director of the project.

Talking to reporters on the sidelines of the Inaugural function of Nuclear Energy Educational Meet being held at Velammal College of Engineering in Madurai on Friday, he said the plutonium generated in the fuel cycle would be recycled in Fast Breeder Reactors.

"Transportation of plutonium would not pose any problem. Other wastes would be stored in the site in a composite storage," he said.

Sundar also addressed the students of KLN College of

we went inside the plant. Only a minimum number of workers are engaged in maintenance. We have to evaluate the situation."

Four thousand contract workers, who had gone back to their native places, have to be mobilised again. Stage wise clearance has to be obtained from the Atomic Energy Regulatory board (AERB), said Sundar.

Replying to a question from Sarathy Lokesh, a 11th standard student of Velammal school, he said that there was no threat to aquatic life due to the release of coolant water from the plant.

Speaking at the inaugural function, R S Sundar said, the Water-Water Energetic Reactor (VVER) installed in Koodankulam is different from the Chernobyl reactor,



RS Sundar, Station Director, Koodankulam Nuclear Power Project, addressing students at the inaugural function of Nuclear Educational meeting at the Velammal College of Engineering and Technology in Madurai on Friday | Express

in operation, power from the grid would be used for the cooling system." "Even when the grids fail, we have four standby diesel generators to keep the cooling system operational. There was hydrogen re-combiners as added safety feature. Ultimately which met with a disaster in 1986. "Of the 437 reactors in operation in the world, 270 are similar to VVER reactors which can otherwise be called pressurised water reactor," he added.

Even after the Fukushima nuclear disaster, China, Korea and Iran have commenced constructing one new reactor each, he said. Though no new nuclear reactor has been built in the United States, there are 104 reactors in operation there. "The cooling system in KKNPP would be operated using the captive energy when in operation. When not

there is a core catcher at the bottom of the reactor to make it radiation proof in any eventuality," he said.

M V Muthuramalingam, Chairman of Velammal Educational Trust, who presided, asked the students gathered to send telegrams to the CM and PM urging them to commission the KKNPP.

frame for commissioning the plant the government gives the green signal, he said. "It has been four months since

Asked about the time

3,600 ດີຍາມັກເອງສົມບັນດາ (ນິຕ່າງໆ) ມີຄ່ວາງຫຼັກ

கூடங்குளம் அணுமின் நிலையத்தால்

ଆଣୁଶକ୍ତି ତୁଟ୍ଟ ଛିୟକରୁଣାର ପୋଚକ



கேள்விகளுக்கு போதுமான நிலையில் தொடர்பு கொண்டு வருவது முன்வரையில் கேள்வி செய்யப்பட்டு வருகிறது.

ପାଞ୍ଚ. ନେତ୍ରମହିଳାଙ୍କରେ ଏହାରେ ଅନୁଭବ ହେଉଥିଲା

ପ୍ରତିକାଳୀନ ଶବ୍ଦଗୀତ

କମ୍ପ୍ୟୁଟର ପଲାଟେ



மதுரை வேலம்மாள் பொறியியல் கல்லூரியில் நடந்த கருத்தரங்கில், கூடங்குளம் அணுமின் திட்ட நிலைய இயக்குனர் சுந்தர் பேசினார். இடமிருந்து முதல்வர் சுரேஷ்குமார், தலைவர் முத்துராமலிங்கம், இந்திய தொழில் கூட்டமைப்பு தலைவர் வியாம்பிரகாஷ் குப்தா.

எதிர்ப்பாளர்கள் புரளியை கிளப்புகின்றனர் அணுமின் நிலைய திட்ட இயக்குநர் பேச்சு

மதுரை, மார்ச் 3-
“கூடங்குளம் அணுமின் நிலையம் உலகில் அதிநிலை தொழில் நுட்பத்தில் உருவாக்கப்பட்டுள்ளது ஆனால், எதிர்ப்பாளர்கள் புரளியை கிளப்புகின்றனர்,” என்று கூடங்குளம் அணுமின் நிலைய இயக்குநர் சுந்தர் தெரிவித்தார்.

கூடங்குளம் அணுமின் நிலையம், மதுரை வேலம்மாள் பொறியியல் மற்றும் தொழில் நுட்ப கல்லூரி சார்பில் ‘நீம்-2012’ குத்தரங்கு நேற்று நடந்தது கல்லூரி தலைவர் முத்துராமலிங்கம் தலைமை வகித்தார். சி.ஐ.ஐ.தலைவர் வியாம்பிரகாஷ்குப்தா, முதல்வர் சுரேஷ்குமார் பேசினர்.

அணுமின் நிலைய இயக்குநர் சுந்தர் பேசியதாவது: கூடங்குளம் அணுமின் நிலையம் வி.வி.ஏ., என்ற ரஷ்ய தொழில் நுட்பத்தில் உரு

வாக்கப்பட்டது. உலக அளவில் 270 அணு உலைகள் இந்த தொழில்நுட்பத்தில் உருவாக்கப்பட்டவை. ரஷ்யாவின் செர்னோபில் அணுஉலையில் 1987ல் ஏற்பட்ட விபத்துக்கு பின், 161 அணு உலைகள் அமைக்கப்பட்டுள்ளன. ஜப்பானில் புகு விமாவிபத்துக்கு பின், 63

முறையும் ஏற்படுத்தப்பட்டுள்ளன.

நிலநடுக்கம், சுனாமி ஏற்பட்டால் கூட தாங்க கூடிய தன்மை கொண்டவை. 20 ஆண்டுகள் வரை இந்த உலைக்கு அருகில் நின்றால், ஒரு ‘ஏக்ஸ்ரே’ எடுக்கும்போது ஒருவரை எவ்வளவு கதிர் வீச்சு தாக்குமோ, அதை விட குறைவான தாக்கமே இருக்கும். எதிர்ப்பாளர்கள் கூறும் புரளியை மக்கள் நம்ப வேண்டாம், என்றார்.

கூடங்குளத்தில் நவீன தொழில் நுட்பத்தில் அணுஉலை உருவாக்கப்பட்டுள்ளது. இங்கு அமைக்கப்பட்டுள்ள ஜெனரேட்டர் கடல் மட்டத்தில் இருந்து 30 அடி உயரத்தில் உள்ளது. பாதுகாப்பு கருதி, உலகில் இந்த உலையில் மட்டும் தான் ஒரே மூலம் ஜெனரேட்டர்களும், உலையை காற்றால் குளிர்விக்கும் நவீன

