



บริษัท ไออาร์พีซี จำกัด (มหาชน)

IRPC Public Company Limited

30 March 2017

IRPC's major turnaround was nearly complete.

The results of environmental quality assessment of air, wastewater and sound were up to standard during the entire major turnaround period.

Mr. Pongpraphan Titathavewatana, Senior Executive Vice President, Petrochemical and Refinery Business Unit of IRPC Public Company Limited said, "As I have informed the communities and the press in Rayong Province of IRPC's planned major turnaround and UHV Project's equipment improvement in IRPC's industrial land from 2 February 2017 onwards and each production unit has shut down one by one since January 2017, now the turnaround is nearly complete and each production unit has started the operation one by one. The results of environmental quality assessment of air, wastewater and sound were up to standard during the entire major turnaround period."

The turnaround was divided into 3 phases: 1. the cease of production process 2. the maintenance and the inspection 3. the start of production process. Flaring could occur during phase 1 and 3, producing a brilliant light and a smoke for a very short period. However, the company had the defensive measures as they were mentioned thoroughly in January 2017 before the turnaround operations. The measures were followed strictly during the entire major turnaround period. The Complaint Center and the Emergency Crisis Control Center could be reached at the telephone number 1800 – 800 - 008 or 038 – 802560 for 24 hours. The company had a field coordination center and a surveillance team who could coordinate with people in the communities promptly after a complaint to work out their understanding and a solution for 71,500 families or 130,000 people in 6 sub-districts in Rayong Province. In addition, we had both a permanent air pollution assessment station and mobile ones which went around IRPC's industrial land especially the high risk areas for 24 hours. Also, our mobile medical team promoted public health in the communities around the industrial land. The complaint center coordinated with the communities to solve the situations case by case. For example, a complaint about smell because of hot weather could be solved by spraying water to cool the tank immediately and elaborating the cause to make the communities understand. The smell from flaring could be solved by increasing the combustion rate to reduce the effects and coordinating with the complainer immediately.



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The defensive measures to reduce the effects during the major turnaround period were as follows:

1. Environmental effect assessment including sounds, smells and dust and the defensive measures to solve the situations 2. Air pollution management by assessing the air quality in the plant areas and the communities around IRPC's industrial land 3. Waste management - segregated waste and disposed industrial waste by sending it to licensed industrial waste disposal units with caution 4. Wastewater management divided into 2 categories – 1) wastewater from the cleaning process sent to licensed wastewater treatment operators 2) wastewater of other types sent to the company's wastewater treatment unit in accordance with the Department of Industrial Works' regulations 5. Sound management – constant sound assessment in the communities during the turnaround period 6. Traffic management by managing the working hours for the contractors and coordinating with traffic police officers 7. Chemical spill and leak control by inspecting the materials, the equipment and the containers to ensure no leak and no chance of any evaporation. Plus evaporation reducer installation at working points. 8. All employees and contractors must follow the turnaround safety procedure manual strictly. 9. Constant report to governmental units, local organizations, communities and press in Rayong Province from January onwards.

For the UHV Project from 2014 to 2016, the company invited more than 600 representatives from the communities to observe the operations and join the seminars each year. Moreover, in 2016, the company established the health fund with 6 million Baht support each year.

The company informed the Stock Exchange of Thailand of the planned major turnaround on 11 November 2016.

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IRPC Public Company Limited
Integrated Refinery and Petrochemical Complex & Ports, Tanks and Power Plants