

Nuon Magnum

Newsletter

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Editors

Roel Kettenis, Carry Schomper, Eva Vijverberg, Roelof Pol

If you have any questions or comments, you can send an e-mail to: magnum.mc@nuon.com

www.nuon.com/magnum

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Foreword

John Dumoulin, project director Magnum phase 1

You are now reading the final newsletter of 2010. It's December once again; time flies when you're building a power plant! I can now look back on an excellent year of construction. Since building resumed in September 2009 we have been working flat out – and that's easy to see.

The outlines of the power plant are now clearly visible. All the project workers are putting in a lot of effort to realise the Nuon Magnum power plant. Safety has always been our priority and will continue to receive our full attention. For me, one of the highlights was the

open day on the construction site at the end of October. More than 2,500 people showed their interest in the power plant by visiting the site. It was great to see that the project arouses people's curiosity and that many are enthusiastic about the industrial activity in the north of the



country. You can read more about the open day in this newsletter, which also features articles about the demineralised water unit and our training initiatives.

I wish you a wonderful festive season. Until next year!

Open day

An open day was organised on Saturday 30 October to give everyone the opportunity of taking a look at the Nuon Magnum construction site. More than 2,500 people visited the site.

After a cup of tea or coffee they were free to walk along a preset route, 1.6 kilometres long, to see some of the interesting parts of the power plant, such as the spot where the steam and gas turbines will stand, the switching station and the cooling water outlet. Members of the Nuon Magnum team manned the route to explain the different elements and how the power plant works. The event attracted a variety of visitors, including many local Eemshaven residents.

The visitors showed great interest and asked a lot of questions. The reactions were predominantly positive. Many people said that they were happy to see so much industrial activity in the north, because this gives an economic impulse to the region. Five members of Greenpeace were present at the open day. They were allocated a place on the site to hand out leaflets and express their opinion about the power plant. They were given a comprehensive guided tour of the construction site.

Extra security measures were taken to ensure the greatest possible safety of the large number of visitors. Emergency assistance and security staff were stationed along the walking

route. The safety rules were regularly demonstrated.

In view of the large number of visitors, the many positive reactions and the fact that the event went so smoothly, the open day can be regarded as a great success.



Collaboration between industry and education

The number of trained technical personnel is gradually declining, so a few years ago Nuon started an initiative to encourage cooperation between businesses and schools.

The AOT Foundation was set up to support the All-round Operational Technician (AOT) discipline at the Noorderpoortcollege. The AOT Foundation has recently entered into an agreement with VAPRO, a human resource development consultancy, to give Rewic-A training to pupils on the AOT course. In this course students are trained to become power plant engineers. This will enable the Rewic-A training course to become part of the regular education curriculum. AOT students that opt for the 'energy' discipline then

graduate with two diplomas: an AOT diploma and a Rewic-A diploma.

The energy companies Nuon, Electrabel and RWE, which are members of the Stichting AOT Foundation, are very happy with the agreement. People with an AOT diploma, let alone a Rewic-A diploma, are hard to find on the current tight labour market. This agreement means that the energy companies themselves do not have to ensure that a new employee has to be trained to get a Rewic-A diploma. The induction of an employee then becomes much quicker, thereby saving training costs.

Even this school year the number of pupils taking an AOT course has risen. In September 2010, 68 first-year students

were enrolled. Before the collaboration with the AOT Foundation an average of 15 students a year joined the course, so a huge rise has been achieved in a relatively short time. The number of students is expected to continue increasing. The Foundation has agreed with the Noorderpoort that the course will be developed into a major education course, the details of which have been set out in a policy document and are currently being studied and elaborated. This will ensure that the course is geared to the needs of industry as well as to those of the students and their parents. All in all, a win-win-win situation!

Demineralised Water Contract signed

The contract for the supply of demineralised water between North Water and Nuon was signed on Friday 3 December 2010 on the Nuon Magnum construction site. The signing ceremony took place in the middle of a winter panorama and on the exact spot where the demineralised water unit will be commissioned in six months time. By signing their names on a big board, Arnoud Kamerbeek, Vice President Business Development & Projects of Nuon, and Harmen Hoogveen, Chief Executive of Waterbedrijf Groningen and Managing Director of North Water,

gave the green light for the relationship. The contract between Nuon and North Water came about following a European tender procedure, as a result of which North Water was selected after consideration of the award criteria. As from 1 July 2011 the demineralised water unit will produce around 25 m³ of demineralised water an hour. This demineralised water is of vital importance to the Nuon Magnum power plant, because the Nuon Magnum power plant cannot operate without it. North Water is a joint venture between Evides Industriewater, Waterbedrijf Groningen



and Waterleidingmaatschappij Drenthe and has built up considerable experience of supplying process water to industry.